r1	r2	r3	r4	r5	r6	r7
j	b	h	h	d	f	i
a	c	h	h	i		c
b	l	h	i	a	a	c
b	l	a	a	b	b	a
i	a	g	g	a	a	i
h	a	j	j	a	a	f
a	b	h	i	a	d	b
a	a	i	i	a	a	b
j	a	k	k	h		c
j	l	i	e	h		c
a	d	h	f	b	a	c
b	a	h	h	i		b
a	b	i	h	h		i
j	d	i	k	h		i
i	l	i	i	a	a	b
j	b	i	h	h		i
a	a	f	e	a	d	i
i	a	h	k	h		i
b	m	h	k	h		i
i	a	f	f	b	b	c
a	c	h	h	i		c
j	c	h	i	h		d
j	c	j	h	i		i
a	l	e	e	b	a	a
j	l	a	c	b	a	a
c	a	j	k	i		i
b	l	h	g	a	a	d
b	a	i	i	a	c	c
a	a	g	f	b	a	e
b	a	h	h	a	a	b
c	f	g	g	h	h	c
a	c	h	h	h	h	c
c	f	a	e	h	h	a
b	b	g	g	h	h	h
c	e	h	f	b	b	d
h	b	g	g	b	c	a
a	l	h	g	b	b	a
a	a	h	i	b	b	d
h	m	e	f	g	f	d
b	c	h	i	a	b	b
a	a	e	e	h		a
a	a	j	j	a	a	b
a	j	a	a	b	f	a
c	l	j	j	a	a	b
h	l	g	e	b	f	c
a	f	h	e	a	a	b
a	a	i	j	b	d	j
b	g	h	h	b	a	c
g	h	j	h	a	f	c
a	a	f	a	a	f	c
h	a	g	j	a	b	c
a	a	h	g	a	a	d
a	g	h	g	h	g	d
b	a	g	c	b	b	c
h	d	h	h	a	e	b

a	c	j	j	b	a	c
a	a	j	h	a	c	b
j	a	i	g	i	b	b
g	a	h	h	a	e	c
j	d	h	f	h		b
j	a	k	k	b	c	d
j	a	g	h	h		h
b	a	g	f	h		h
j	a	i	i	h		h
j	l	j	i	a	a	b
h	a	i	f	h		c
a	a	h	d	h		e
a	a	k	g	b	a	a
j	m	i	i	b	a	a
j	a	a	c	h		d
b	l	h	h	b	a	a
j	m	h	f	b	a	c
a	a	h	h	h		c
j	a	k	h	h		h
a	a	e	e	h		h
c	j	h	i	h		h
h	f	h	g	h		b
h	a	f	e	b	a	a
a	l	h	f	h		b
h	a	k	k	h		h
j	l	j	j	a	a	b
h	l	h	h	h		h
a	a	e	k	a	h	b
a	a	h	h	g	a	a
b	a	j	j	h	i	b
a	l	j	i	a	b	b
a	a	h	h	h	i	d
j	h	k	k	h	i	g
a	a	g	e	c	a	a
j	a	h	g	h	i	c
j	c	j	j	a	d	c
a	c	f	f	h	i	i
j	f	h	h	i	i	i
j	m	i	i	a	a	f
j	f	h	i	b	a	b
j	h	j	c	h		b
j	a	h	h	h	a	c
a	b	j	j	h		c
i	l	c	h	a	g	c
a	i	f	h	b	a	c
a	i	j	j	a	a	c
g	h	d	d	b	f	a
b	a	h	e	h		h
i	c	g	i	h		c
a	i	i	g	b	d	d
a	a	g	g	b	d	e
h	a	g	g	h		b
i	a	j	k	h		c
a	i	j	h	a	a	b
b	a	j	d	a	d	c
a	a	e	e	h		b

i	f	h	i	a	g	f
h	l	g	h	b	c	a
j	e	h	g	h	i	c
a	a	j	j	a	a	b
h	l	j	j	a	b	b
a	a	j	j	b	a	d
j	d	e	h	h	i	c
b	a	j	j	i	i	i
e	a	h	h	b	b	c
h	l	h	h	a	b	d
e	a	h	h	b	b	b
h	l	j	j	a	d	b
d	l	i	i	b	b	a
h	a	h	g	b	b	c
a	h	h	h	a	b	c
a	l	i	i	b	a	a
b	b	d	g	a	a	b
a	m	a	c	h	c	a
f	b	h	f	c	c	b
b	c	f	f	h	c	d
b	f	i	i	a	b	b
b	i	g	j	b	a	a
a	a	g	i	a	a	d
b	l	g	g	a	b	f
j	a	e	d	b	a	a
c	b	i	h	a	a	e
b	k	h	h	b	b	a
h	l	g	i	a	b	c
a	l	h	h	b	a	c
b	m	h	i	b	a	b
j	a	f	h	b	a	b
b	b	j	j	a	b	b
a	a	g	f	b	a	c
a	a	i	h	a	b	b
c	a	d	b	b	b	a
a	a	h	g	a	b	c
j	a	e	e	b	a	a
j	m	i	i	b	a	c
b	g	h	j	a	e	b
h	l	k	g	h		f
a	a	i	i	a	a	b
b	k	j	j	a	a	b
a	a	g	g	h	i	c
j	a	e	i	b	a	h
a	l	h	h	b	a	f
a	m	i	h	a	a	d
a	a	h	i	a	a	c
a	d	i	i	a	a	b
d	a	j	j	a	d	b
a	a	e	e	b	c	a
a	a	j	j	a	b	h
b	b	b	f	b	a	a
a	c	e	f	b	b	a
b	g	h	h	a	a	c
j	a	j	j	h		a
a	b	h	h	h		d

a	b	h	g	a	b	b
a	a	h	f	b		c
a	b	g	h	c	c	b
j	m	f	d	h	f	c
b	b	g	g	a	c	b
b	b	f	h	a	a	b
a	d	f	e	b	e	c
a	b	h	j	a	e	b
h	a	i	h	a	a	d
a	a	i	i	b	a	d
j	d	g	a	h	i	
i	a	j	j	i	i	f
i	a	j	i	a	b	c
a	m	g	f	c	c	g
a	b	i	h	a	a	c
a	m	j	h	a	a	b
a	a	f	f	b	d	c
a	b	i	i	h	i	b
a	m	h	h	a	i	b
a	l	h	h	a	a	c
a	l	h	g	a	a	d
a	m	h	g	a	b	g
e	a	g	g	a	c	d
a	b	j	i	h		c
a	d	j	h	a	b	b
a	k	h	i	h		d
a	a	g	j	a	d	b
c	a	g	g	a	a	b
a	a	g	d	b	b	a
b	d	i	f	c	b	a
a	a	h	g	h	g	d
a	f	i	f	a	b	b
a	f	i	i	h		d
i	a	h	h	b	b	c
a	f	h	h	h	i	b
a	a	h	j	a	b	c
b	f	g	g	a	b	c
a	l	j	g	a	b	c
a	a	h	g	a	b	h
a	j	h	i	b	b	c
a	c	h	f	a	b	c
a	l	i	h	a	b	b
a	l	h	h	a	b	b
a	l	h	h	a	b	d
h	a	h	h	b	b	d
a	l	h	h	b	b	c
b	l	h	h	a	b	e
h	l	i	i	a	b	b
a	f	j	d	a	b	h
j	f	h	h	h	i	b
a	m	j	i	a	a	c
i	a	j	j	a	b	d
b	c	g	g	i	i	h
d	m	j	c	b	b	h
j	d	h	i	i	i	a
i	i	h	h	a	a	d

a	h	f	i	h	i	c
a	m	i	i	i	i	i
a	m	a	e	b	a	d
a	a	j	j	b	e	a
b	m	a	i	b	d	c
j	m	h	h	h	g	h
e	m	i	h	b	b	e
c	e	g	g	c	f	b
b	d	h	h	a	a	b
a	b	h	b	h	g	h
b	b	g	d	b	a	c
b	a	e	h	a	f	c
a	c	g	i	h		c
g	h	h	e	a	c	b
a	a	f	f	h	g	d
a	f	i	i	a	c	b
e	a	g	i	h		h
a	a	h	h	a	b	f
b	a	g	i	a	b	c
b	l	e	e	b	a	c
c	l	h	h	a	a	c
c	a	h	j	b	b	d
b	c	g	e	b	b	a
b	a	h	h	d	a	a
a	a	i	i	a	b	b
a	l	g	g	b	a	d
b	l	h	i	b	b	c
h	l	i	i	b	b	a
b	l	j	j	a	b	b
a	a	i	i	a	b	c
h	l	h	f	a	b	d
a	c	g	g	a		i
a	d	h	j	a	c	c
d	a	h	h	b	b	b
a	b	h	h			h
a	g	i	i	h	i	i
a	b	i	i	a		b
a	b	h	i	a	b	c
a	g	h	h	b	b	c
j	l	j	h	a	b	d
b	j	h	e	a	b	c
h	j	i	i	a	b	c
a	l	h	h	b	b	f
a	m	h	i	b	b	e
f	j	e	f	a	b	d
a	l	h	h	b	a	c
a	b	j	j	a	a	b
a	j	g	g	g	i	c
a	b	k	j	h	g	h
a	g	j	j	a	a	b
a	f	j	j	a	a	b
i	g	i	i	h	i	g
a	g	j	j	h	i	b
a	a	f	h	c	a	i
i	m	h	g	a	a	h
a	f	j	j	a	a	b

a	f	j	j	a	a	b
j	f	g	g	h	d	b
j	a	h	h	h	i	i
c	m	h	j	a	a	b
a	l	j	e	h	i	i
j	l	i	i	a	a	c
i	m	h	h	h	i	c
j	h	i	i	b	e	g
a	m	b	c	h	i	i
b	a	j	j	a	a	c
h	a	f	e	h	i	d
a	h	j	j	h		i
f	a	h	h	a	h	h
a	a	k	d	b	f	i
a	h	j	j	b	e	h
a	i	j	j	h		c
a	h	g	h	h		f
a	h	a	a	h		a
b	c	h	i	h		b
d	h	e	h	b	b	c
a	l	h	h	b	b	c
a	j	h	h	b	b	a
a	j	e	f	b	b	c
a	l	g	g	b	b	c
a	b	f	f	a	b	b
a	b	j	j	b	b	a
a	a	g	i	a	c	d
a	a	g	g	h		a
h	e	i	i	a	a	b
a	a	g	g	h	i	c
a	a	e	e	b	a	a
a	a	i	g	a	b	h
a	a	e	h	b	b	a
a	b	j	h	a	b	c
a	a	h	e	i		g
a	a	j	j	h	i	i
j	a	j	j	a	b	b
b	a	i	g	h	i	i
h	a	e	e	a	b	b
j	a	e	e	b	b	a
a	a	j	j	b	b	c
h	a	f	f	b	e	c
g	a	f	f	h	i	b
j	b	g	f	b	b	a
a	a	i	i	h	a	b
i	a	h	h	h		h
h	f	j	h	h	i	b
a	a	f	f	h		c
b	b	g	g	a	c	b
a	h	j	j	a	a	b
a	e	j	j	h	i	b
j	e	f	f	b	a	a
j	e	i	h	a	a	h
b	e	i	i	a	a	c
c	m	g	g	b	a	d
a	a	j	i	h		d

a	a	i	h	a	f	c
j	a	i	j	a	c	b
b	i	g	h	f	f	b
b	l	l	h	h	i	i
e	l	i	h	a	d	b
a	l	j	i	a	b	h
c	l	h	j	a	a	b
j	l	h	g	h	i	c
i	l	i	h	a	e	d
a	l	j	j	a	f	c
c	k	h	h	a	a	c
c	k	h	h	h	i	f
c	h	f	f	c	e	e
i	a	g	g	b	e	d
c	i	g	g	b	a	d
a	e	h	f	a	a	b
b	a	i	i	a	d	b
g	h	j	i	a	a	c
a	l	e	e	b	a	a
a	h	e	e	h	i	h
i	a	i	i	i	i	i
i	m	f	g	e	c	b
b	e	i	h	b	e	d
a	l	d	f	a	f	h
a	m	g	g	b	b	f
b	a	e	g	h	i	i
g	j	d	e	h	i	a
f	j	c	c	d	f	a
a	l	j	j	a	f	i
h	e	h	i	i	i	b
a	l	j	j	a	f	b
h	a	h	h	a	i	i
d	j	a	a	b	d	a
c	l	i	i	h	i	c
c	a	h	j	a	a	b
a	a	f	b	a	e	d
c	d	h	h	a	e	c
i	e	h	i	a	f	c
j	d	h	j	a	b	c
c	j	f	f	a	a	d
a	l	h	g	a	a	c
e	e	i	i	a	d	b
b	a	b	i	b	e	i
a	a	f	f	h	i	i
a	m	j	j	a	d	b
b	l	g	g	b	b	c
h	a	h	i	a	e	c
i	l	i	i	a	e	b
a	b	i	j	a	b	c
a	b	h	j	b	g	i
j	m	a	a	h	i	i
a	l	i	i	h	h	h
a	i	i	j	a	f	i
h	l	j	j	h	g	i
a	l	h	j	i	i	c
h	l	a	a	h	i	a

a	i	e	e	h	h	h
a	g	h	i	h	i	h
a	f	g	h	a	e	i
b	l	h	h	a	e	c
b	l	j	j	a	a	b
a	b	j	j	a	a	c
a	a	f	h	b	b	g
h	b	h	i	b	a	g
a	f	h	h	h	i	h
h	a	g	f	h	i	h
j	k	g	f	h	i	i
a	h	i	g	i	i	d
a	l	i	i	a	a	g
b	l	h	f	h	i	i
c	a	i	i	h	i	h
a	k	g	h	a	a	c
a	a	g	g	a	f	c
a	l	j	j	a	e	d
h	m	b	g	h	d	
a	l	h	h	i		c
c	l	g	f	b	f	c
b	m	h	g	b	a	d
b	l	f	h	c	f	a
a	f	i	i	a	f	b
a	i	h	j	a	e	b
a	l	g	g	h	i	b
a	a	h	h	h	g	h
a	l	i	j	a	a	d
a	f	g	g	h	i	b
a	l	i	j	h	g	c
h	h	j	j	a	e	b
a	a	h	h	h	g	c
a	a	g	i	i	i	i
b	l	j	j	a	d	b
a	d	j	j	a	d	b
c	g	j	k	a	f	f
a	l	h	g	b	d	d
e	l	k	k	i	i	i
b	j	h	h	b	b	c
a	l	i	i	i	i	d
a	l	i	i	i		f
e	d	h	h	i		i
a	l	e	e	b	d	d
a	b	h	j	a	f	c
i	g	i	j	a	f	d
a	i	g	h	b	e	c
i	m	h	e	b	a	c
a	h	j	j	c	a	i
j	k	h	i	a	d	b
g	j	f	f	h		a
b	l	h	f	a	a	b
c	b	j	j	c	f	g
a	f	i	i	b	a	h
a	b	h	h	a	a	i
j	e	h	h	h	i	i
c	l	e	e	a	e	c

a	b	i	i	h		h
a	l	h	h	b	e	a
a	l	j	j	h	g	i
a	l	i	h	h		h
j	m	f	f	h		h
a	l	i	h	a	e	h
h	a	j	k	h		h
b	l	h	h	b	f	h
a	b	j	j	a	e	i
a	a	g	g	h		d
c	b	j	g	h		h
a	a	j	j	h		h
b	a	j	j	b	a	h
a	a	h	h	h		c
b	m	a	h	b	e	a
a	l	j	j	h		h
b	a	i	i	h		h
h	l	i	e	b	e	a
a	j	h	i	b	f	i
a	f	i	g	b	e	a
a	j	j	j	h		h
e	a	f	f	b	a	i
f	l	j	j	i		g
c	a	j	j	h		g
a	a	j	j	a	e	l
a	a	j	j	a	e	l
a	l	h	h	h		h
a	a	h	h	h		h
a	a	j	j	h	g	d
a	l	h	f	h		i
a	b	j	h	b	a	i
b	l	i	j	h		c
j	a	j	f	a	a	c
b	a	j	j	a	a	c
b	a	i	g	h		i
j	l	h	e	h		b
a	c	g	i	b	a	a
e	m	j	h	a	d	i
a	a	g	h	h		b
b	a	j	k	a	a	b
a	b	i	i	a	b	c
a	b	h	h	b	a	c
i	a	j	i	a	d	i
b	a	h	h	i		c
a	a	j	f	i		i
b	l	j	e	a	a	b
a	m	g	g	h		i
i	l	i	h	i		c
b	a	h	f	b	b	c
j	a	k	k	h		i
i	l	j	d	b	a	i
b	a	h	k	a	a	c
b	l	i	h	a	a	c
c	a	j	j	i		b
a	a	f	e	i		i
j	a	k	g	i		f

a	l	h	i	b	b	c
j	l	j	j	b	a	i
b	l	i	b	a	a	i
a	b	h	g	i		i
a	h	b	j	j	f	c
a	a	h	i	b	e	c
h	l	a	g	b	a	c
j	l	j	h	a	b	c
h	l	a	f	b	d	a
b	l	h	i	b	a	h
c	a	j	i	c	a	h
h	l	g	g	b	a	a
a	a	g	g	c	a	b
a	l	e	h	b	b	a
h	l	j	j	h		c
b	a	h	h	b		h
j	a	k	k	h		d
b	b	h	h	h		h
j	l	h	h	a	a	b
a	a	h	g	h		b
j	a	j	j	h		a
h	l	f	f	b	e	a
b	a	j	f	a	b	h
g	a	j	j	a	b	e
a	a	h	g	a	a	h
j	m	j	e	a	e	b
a	l	j	g	a	a	b
b	a	h	h	b	a	h
a	m	i	h	h		h
a	h	j	h	h		h
b	a	k	k	h		h
a	d	f	j	h		h
j	a	h	h	h		h
b	b	h	g	a	b	b
j	b	g	h	a	e	h
b	l	j	k	h		b
a	g	h	e	b	a	a
h	l	h	h	h		d
b	a	i	i	a	a	d
b	a	j	j	a	a	c
a	a	i	g	b	a	h
b	l	e	h	h		a
h	m	j	j	h		i
b	l	i	h	b	a	c
a	b	j	j	h		a
h	j	i	g	h		h
b	l	i	i	h		a
j	d	j	h	c	a	g
h	l	f	b	b	a	c
a	l	h	g	h		h
a	l	h	i	b	b	c
c	a	g	h	h		d
a	e	h	h	h		h
b	a	j	j	a	b	d
a	a	h	h	a	a	c
a	a	d	d	b	a	a

a	a	i	k	a	a	b
a	e	j	a	h		d
a	a	i	i	h		h
b	a	i	h	b	a	c
h	a	i	b	a	a	b
a	l	j	j	a	a	b
a	l	g	h	b	a	c
a	l	h	h	b	a	d
b	a	h	i	b	e	a
a	l	i	i	h		h
b	l	j	j	b	a	a
c	a	d	j	a	e	d
a	a	a	f	h	i	i
h	d	k	k	c	c	a
h	l	g	a	h	g	h
a	l	j	h	a	b	c
c	i	f	h	b	b	c
h	k	j	j	h	g	h
a	l	f	g	h	g	h
a	e	h	b	b	b	d
a	k	g	j	b	a	c
h	b	e	e	h	i	c
h	a	h	h	h	i	a
b	b	h	h	b	c	a
b	d	a	a	h	i	a
c	e	i	h	b	e	c
b	a	k	h	b	a	c
j	e	k	h	h	i	c
a	e	i	h	c	c	i
b	e	f	i	b	b	a
a	h	i	j	b	b	a
b	e	g	f	h	g	h
b	e	i	g	h	g	h
b	h	h	h	a	a	b
e	g	f	f	i	g	h
a	h	f	j	b	d	a
h	h	h	h	h	g	h
a	a	c	c	i	i	h
a	d	h	i	b	b	a
a	b	f	i	a	a	b
b	h	i	j	b	a	a
j	a	j	j	a	a	b
b	c	e	j	b	e	a
h	a	k	j	b	a	a
h	m	h	h	i	i	i
e	c	h	d	h	g	h
b	c	e	i	c	c	a
b	c	i	j	b	e	a
a	l	i	j	a	a	b
c	i	i	h	h	i	c
d	a	i	i	i	h	a
f	a	h	i	h	i	g
a	i	i	i	h		g
e	l	i	i	a	a	b
e	m	a	j	b	a	f
j	l	g	i	a	b	b

j	a	h	i	a	b	c
j	m	i	i	b	a	c
a	l	g	j	a	a	c
a	l	j	j	a	b	b
e	g	e	e	c	a	b
a	l	h	h	b	a	d
a	l	j	j	b	e	a
b	d	g	g	a	f	e
b	j	g	i	h		h
a	l	g	g	h		c
h	l	j	j	h		h
a	l	j	j	h		a
a	j	h	h	h		h
a	f	k	j	s	s	b
a	c	g	e	h		i
a	b	h	h	h		b
i	d	h	i	i		i
a	l	i	i	i		c
i	l	h	g	h		i
b	l	h	h	a	a	b
b	l	g	g	c	d	b
a	a	e	e	i		i
b	a	i	j	h		i
e	e	i	i	a	a	c
a	l	i	j	a	a	c
a	l	k	k	h		i
i	a	a	a	b	d	a
b	l	h	h	i		i
b	l	h	h	i		i
b	a	b	b	c	c	a
a	e	f	h	a	a	i
a	a	f	f	i		b
j	l	j	j	a	a	b
a	a	e	e	b	a	a
b	l	h	h	a	a	i
b	l	h	h	a	d	b
j	b	g	k	i		i
b	m	h	h	i		i
b	m	g	c	h		i
a	l	j	i	a	a	b
h	l	h	h	i		i
a	l	j	j	h		c
b	a	j	j	a	c	b
c	b	k	k	h		a
b	c	h	h	a	a	b
b	b	i	k	a	a	b
a	a	a	c	c	f	h
a	a	i	i	a	a	b
c	a	f	g	d	f	e
a	l	h	h	b	a	c
a	g	e	e	b	a	c
a	h	g	g	h		d
a	l	i	i	b	a	c
a	f	b	e	b	b	c
c	l	j	k	b	a	h
a	l	j	i	h		h

a	l	b	k	b	a	c
b	b	j	j	a	a	b
a	g	h	h	h		h
b	i	h	h	h		h
b	a	i	i	c	b	a
b	l	h	g	h		a
a	f	g	g	b	b	d
h	l	h	f	i		i
h	l	d	a	h		a
a	a	h	f	h		b
a	l	f	d	a	a	c
a	a	h	h	b	a	e
b	a	i	i	h		b
b	l	j	j	a	a	d
a	g	h	h	h		h
a	a	g	g	b	f	g
a	m	g	g	h		i
b	l	f	f	e		i
b	a	h	h	h		i
b	l	i	f	h		h
a	a	j	j	h		h
a	b	j	j	a	e	i
i	l	g	g	h		h
a	b	h	h	h		h
a	a	j	i	i		d
b	a	e	e	h		b
j	i	j	j	b	e	a
b	c	j	j	b	e	d
j	m	j	j	h		h
b	a	h	h	a	f	i
a	j	e	e	h		h
a	f	k	k	a	d	i
a	a	c	e	h		h
a	a	i	g	h		g
b	a	g	g	a	e	b
j	l	h	g	b	e	c
b	a	g	g	b	f	i
j	f	g	g	h	i	h
h	a	h	g	b	e	d
a	a	h	f	h		h
h	b	j	j	h		h
c	a	j	j	b	e	g
a	l	g	g	h		h
a	c	j	g	b	a	a
a	l	h	h	h		b
a	a	j	j	a	a	d
b	m	h	j	a	a	b
a	l	j	j	h		h
a	a	h	i	b	a	c
a	l	a	a	h		c
a	a	i	g	d	a	e
a	a	i	h	a	a	b
a	b	j	j	a	a	b
h	a	j	a	b	a	a
a	a	i	i	c	a	b
a	l	h	h	h		c

b	b	g	g	c	a	a
b	l	e	e	h		a
b	l	e	e	h		h
b	m	j	h	a	a	b
a	a	k	k	h		a
b	a	h	h	a	a	h
a	l	g	g	h		g
a	a	j	j	h		h
b	a	c	h	b	b	a
h	m	i	h	a	a	d
b	l	i	g	c	a	b
b	a	h	h	b	a	h
a	b	e	g	h		b
a	l	g	f	b	a	c
b	e	f	f	h		c
a	l	e	g	a	a	c
a	c	g	g	g	a	c
h	a	g	f	b	c	c
a	l	b	g	c	f	a
j	b	g	g	a	b	c
h	b	h	h	h		h
b	l	e	b	b	b	a
b	a	h	h	a	f	h
j	m	a	k	h		a
c	m	h	g	h		h
j	l	g	g	h		h
j	l	e	f	b	a	a
j	m	e	i	h		h
a	l	h	h	h		h
j	m	k	k	h		h
a	m	e	e	h		c
f	l	j	j	a	e	b
a	l	h	i	h		c
b	a	g	h	h		h
b	a	h	h	a	e	b
c	a	b	b	h		g
a	l	h	h	h		e
h	l	e	e	b	a	a
a	g	c	b	b	a	d
j	b	g	b	h		h
h	g	i	i	h		h
a	a	h	b	a	h	
a	f	i	j	a	a	b
a	b	h	f	h		c
i	b	h	h	h		c
e	l	j	k	h		a
a	d	e	e	b	a	c
a	l	b	f	b	e	a
h	a	g	f	a	a	b
h	l	h	h	a	d	b
a	a	f	h	h		b
b	a	e	e	b	b	a
a	l	g	h	h		b
b	h	i	j	h	b	b
a	a	g	g	d	c	d
a	a	g	l	b	d	b

a	j	j	j	a	d	b
a	l	j	j	a	d	b
b	a	j	j	a	d	e
c	l	a	a	h		a
a	k	g	g	a	e	b
a	b	g	i	a	b	b
c	l	a	e	a	a	c
h	l	a	a	h		b
a	l	i	i	h	h	
a	a	i	j	b	b	c
a	c	g	g	h		a
b	j	g	g	a	f	d
a	l	l	g	l	e	a
a	l	e	h	d	f	b
c	l	h	g	a	a	e
l	l	h	h	h		b
c	l	a	e	a	a	e
b	g	d	b	h		b
c	j	e	e	c	e	b
b	a	g	g	d	a	g
a	j	g	g	h		b
c	l	h	e	a	e	i
a	l	i	i	h		c
a	a	h	h	h		h
a	l	b	h	h		c
a	l	f	f	h		h
a	l	j	j	h		h
b	m	j	i	h		h
b	l	j	j	b	e	i
a	j	j	g	h		h
c	l	h	e	b	e	a
b	m	a	a	h	g	h
c	m	f	f	h		h
h	c	k	k	h		h
a	l	j	j	a	e	c
a	l	j	j	a	e	c
a	a	b	b	h		h
a	l	c	a	b	f	a
a	h	e	e	h		h
j	l	g	g	h		h
a	l	e	c	h		c
a	b	h	h	h		h
a	a	g	h	h		h
j	a	j	j	a	e	h
a	l	h	f	b	e	a
b	j	a	a	h		h
a	l	f	e	h		h
a	l	j	j	a	e	d
b	l	c	c	c	f	b
c	l	g	f	h		d
b	g	i	i	h		b
b	a	h	i	a	e	c
b	b	j	e	a	b	b
h	a	e	i	b	c	a
c	g	g	e	a	e	b
a	b	j	j	a	b	c

f	g	j	i	a	b	b
a	f	j	a	a	a	b
a	a	h	h	h		c
h	a	j	h	a	a	b
a	a	h	i	b	e	a
a	e	j	g	b	a	a
b	e	i	j	h		d
h	a	j	j	h		c
h	e	h	j	a	a	c
a	c	h	i	b	e	a
a	a	h	i	b	f	c
a	a	h	e	a	f	b
a	l	g	d	b	b	c
b	a	f	g	a	a	b
b	a	i	h	a	a	d
h	b	h	e	c	a	d
a	c	j	j	b	e	c
b	a	h	h	b	c	a
a	d	h	j	b	b	c
a	l	i	i	a	a	d
a	h	i	h	a	a	c
b	b	i	i	b	d	c
h	l	h	h	h	i	h
i	m	k	h	h	i	i
a	m	i	i	a	h	b
b	j	j	j	b	e	f
a	l	g	g	b	f	i
h	d	g	g	b	b	a
i	m	i	h	h	i	b
c	c	i	f	b	d	a
h	l	f	h	a	a	b
b	j	j	j	a	a	i
b	l	h	g	b	f	d
i	l	i	i	b	f	c
a	l	f	e	h	i	h
i	a	i	g	d	g	b
j	a	j	h	a	a	b
i	c	e	g	b	f	i
i	d	k	f	h	i	i
i	j	h	h	h	i	i
h	e	f	f	b	e	c
a	d	g	g	h	i	i
d	l	h	f	h	i	c
a	d	j	j	a	b	b
b	l	h	g	h	i	b
c	l	j	g	a	b	b
i	l	i	g	b	a	c
a	b	e	e	b	b	c
c	d	g	f	b	a	a
a	c	i	h	a	e	b
i	d	h	h	h	i	c
b	i	h	k	a	e	b
c	d	j	j	a	a	d
j	d	i	i	a	a	c
a	d	h	h	i		i
g	a	j	j	a	f	b

h	d	g	g	b	a	d
a	a	f	f	b	e	d
j	a	f	f	a	f	c
b	a	e	e	a	a	b
c	l	g	g	i		i
c	m	h	g	b	d	e
a	m	i	i	a	g	e
b	m	h	h	i		c
c	l	i	h	i		f
b	f	h	e	i	a	i
a	l	h	h	b	e	c
b	a	j	i	a	h	d
c	l	h	i	a	a	d
b	l	j	j	a	b	e
a	g	e	f	b	d	c
i	l	a	a	i		b
a	a	h	i	a	a	
b	j	g	e	i		a
b	m	h	i	b	b	c
b	d	i	i	a	a	d
a	m	h	a	b	b	a
h	f	h	h	a	f	b
h	d	f	f	b	e	i
h	l	h	h	i		b
a	l	h	i	i		c
b	b	i	i	i		
a	d	j	g	a	e	c
a	i	g	f	c	c	b
h	k	h	h	b	e	d
j	d	h	f	a	e	g
b	m	f	e	b	a	c
j	a	g	e	h	g	i
a	k	h	f	c	c	b
d	d	e	e	b	b	a
a	d	g	f	i	i	g
j	d	e	e	c	e	a
a	l	g	e	b	b	c
b	l	g	f	b	a	c
h	b	h	h	a	e	i
j	c	g	g	a	b	c
a	b	j	h	a	d	i
b	m	e	e	b	a	c
a	k	g	f	b	b	i
a	a	h	e	b	a	a
a	l	h	h	d	e	b
c	m	g	e	g	f	c
j	d	j	d	b	b	f
b	k	h	i	h	i	i
a	l	j	j	a	a	c
j	d	i	f	h	i	i
a	l	h	e	c	a	b
b	l	i	g	a	a	b
a	b	h	f	b	c	g
a	f	e	e	b	b	c
a	b	a	g	h	g	h
j	d	g	f	c	c	b

a	b	h	h	b	a	a
b	m	h	i	b	b	a
b	g	f	g	h		d
a	c	j	j	a	c	b
a	c	h	h	h		c
a	h	a	h	a	c	b
a	m	j	a	a	e	c
a	a	e	h	b	c	b
a	b	g	g	h	g	i
h	e	a	a	f	g	b
c	a	h	e	a		a
a	a	f	h	h		h
h	a	i	j	a	b	c
b	d	g	h	h		h
c	d	h	h	h		h
c	f	h	i	h		i
c	a	h	h	b	b	c
c	a	h	i	b	c	d
c	a	g	c	a	f	b
a	b	h	e	b	a	c
b	a	j	i	i		e
j	c	i	j	b	c	h
a	h	f	f	b	a	d
a	e	a	a	h		h
b	a	i	j	b	b	i
a	c	g	i	h		b
b	a	h	h	b	g	c
b	a	g	i	h		i
b	c	h	h	b	g	c
b	c	j	i	h		i
a	a	h	h	b	c	c
a	b	a	a	b	b	a
a	m	a	a	c	a	d
a	c	h	f	a	b	c
b	b	h	f	b	b	i
b	a	k	k	a	a	c
a	a	g	g	h		a
h	g	h	h	h		i
b	l	c	d	h		a
a	l	e	e	h	i	a
b	a	j	e	a	b	b
b	c	e	h	b	e	a
b	g	g	f	c	a	d
a	a	d	i	h	i	i
b	m	j	j	a	c	c
j	a	j	j	a	c	c
a	a	f	e	b	b	c
d	a	b	i	a	a	a
j	e	g	h	h		i
b	e	a	a	i		a
a	l	a	a	h		i
a	d	i	h	a	c	b
b	d	g	h	a	b	i
a	m	h	h	h		a
a	l	h	h	b	b	d
a	m	j	j	a	a	d

a	l	h	j	b	b	c
a	a	h	g	h		i
j	m	e	e	h		i
b	a	h	h	b	e	c
a	l	i	i	a	f	i
a	m	h	h	b	e	i
j	m	h	i	i		b
b	a	i	h	i	i	b
a	d	j	j	a	c	c
b	m	i	g	h	g	i
j	g	g	h	h		c
j	b	j	j	a	a	b
i	m	j	j	h		b
a	f	i	h	h		i
a	m	h	h	a	f	i
a	m	g	k	i		b
a	b	i	g	a	d	b
j	e	j	i	a	a	i
j	a	k	k	h		i
h	a	g	f	i		i
j	d	j	h	h		h
b	e	g	g	i		h
j	a	h	h	b	b	f
a	f	h	e	b	b	c
a	a	f	g	b	f	d
b	b	h	h	a	a	b
a	l	i	k	b	c	e
c	a	f	g	b	a	d
a	a	g	f	b	e	c
h	a	i	i	b	a	c
d	a	g	a	a	c	i
a	m	a	b	b	b	a
b	d	h	h	h	i	d
b	g	i	j	b	a	a
c	a	f	h	h	g	f
j	d	g	g	h	i	b
h	a	h	i	b	c	c
b	m	h	b	a	b	c
j	m	e	k	b	e	c
b	a	d	f	b	b	c
b	a	e	a	e	a	a
a	a	h	i	b	b	c
a	a	f	b	a	e	g
b	h	a	h	b	a	c
a	a	j	g	b	a	a
f	g	e	e	a	b	c
h	h	f	j	h		c
b	g	h	i	b	e	c
a	c	a	a	a	a	c
a	a	i	h	b	b	c
a	a	j	g	h		c
a	a	h	h	a	b	c
b	c	b	g	b	f	c
a	a	g	g	a	d	c
a	b	e	a	a	e	d
a	b	e	j	h		c

b	h	a	e	c	f	a
a	a	e	e	a	b	c
i	h	h	g	h		c
a	a	j	j	a	f	d
b	a	f	e	c	b	c
a	a	h	i	a	a	c
h	g	a	f	b	a	a
g	f	g	h	b	a	c
a	a	h	h	b	d	c
i	h	e	c	h		h
h	h	h	a	b	a	a
a	c	h	h	b	a	a
f	h	g	g	h		f
b	a	i	h	a	e	b
g	c	a	j	b	a	a
c	h	i	h	a	e	c
b	h	h	i	h		d
a	i	h	h	i	a	b
a	d	g	h	b	c	c
a	b	g	d	b	a	a
g	a	j	h	a	b	d
b	m	f	h	h		i
a	b	f	g	h		d
a	b	g	h	a	a	b
c	b	h	h	b	b	a
a	b	g	f	b	a	c
a	f	f	h	b	a	c
g	d	f	f	h	g	i
g	a	h	h	h	g	a
b	b	g	c	b	g	a
b	a	d	d	d	c	b
b	b	h	h	b		a
a	b	g	g	h	i	i
a	a	f	e	a	a	b
c	b	g	e	h	i	c
b	b	d	c	i	i	a
j	a	f	f	i	i	h
a	c	h	j	a	a	c
a	m	i	h	h	i	b
a	a	j	j	h	i	d
a	m	e	e	h	i	b
a	a	i	i	a	e	c
j	l	f	a	g	i	g
j	a	h	h	a	a	c
c	a	f	a	b	b	a
a	c	e	e	h		b
h	f	g	e	b	f	a
g	a	i	g	h		c
a	b	h	a	b	e	a
a	a	g	h	b	b	a
h	b	h	f	b	a	f
h	a	h	h	a	e	b
a	h	h	i	a	e	f
a	l	f	e	h		d
a	a	h	i	h		c
c	g	a	e	h		a

b	h	h	h	a	f	f
b	b	e	c	b	e	c
a	h	j	a	a	b	a
a	b	g	e	h		c
d	g	j	j	a	d	c

r8	r9	r10	r10a	r11	r11a	r12
	c	b		a	e	b
d	b	a	e	a	e	b
b	a	b		b		b
b	b	b		a	c	b
	i	a	c	a	c	a
d	a	a	e	a	c	a
b	c	b		b		a
b	a	a	e	a	e	a
h	i	a	c	a	c	b
b	b	a	c	a	c	a
a	b	a	e	a	c	b
c	a	b		a	e	b
	b	a	e	a	e	a
i	i	b		a	e	b
c	i	b		b		b
	b	b		a	c	a
a	a	a	c	a	c	a
	c	a	c	a	c	a
	i	a	b	b		a
d	b	b		a	e	a
b	a	a	e	b		b
b	j	b		b		b
	i	b		b		b
a	b	a	c	a	c	a
a	b	b		a	c	b
	i	b		b		b
d	b	b		b		b
b	a	b		b		a
d	b	a	c	a	c	b
a	a	b		b		b
d	a	a	e	a	e	a
a	b	a	e	a	e	a
b	i	b		b		b
c	i	b		b		b
b	b	b		b		a
a	d	b		b		b
c	b	a	d	a	e	a
b	a	b		b		b
d	a	a	e	a	c	b
b	a	a	e	b		a
	c	b		b		b
a	a	b		b		b
c	b	a	c	a	c	b
h	a	b		b		a
b	b	b		a	c	b
c	a	a	e	b		b
	b	a	c	a	c	b
d	b	a	c	b		b
b	b	b		b		b
d	a	b		b		b
d	a	b		a	c	b
b	b	a	c	a	c	a
a	a	a	e	a	e	b
d	b	a	e	a	c	b
a	a	b		b		b

b	a	b		b		b
a	a	a	e	a	e	a
c	h	a	c	a	c	b
e	a	a	e	a	e	a
c	h	b		b		b
b	b	a	c	a	c	b
	h	a	c	a	c	a
	h	a	c	a	c	a
	h	a	e	a	e	a
a	a	a	e	a	e	a
b	b	a	e	a	e	b
f	a	a	c	a	c	a
b	b	b		b		b
a	b	b		a	b	a
b	h	a	e	a	e	b
b	b	a	e	a	e	a
g	b	b		a	e	b
b	h	a	c	a	c	a
	c	a	c	a	e	b
	h	a	e	a	e	a
	h	a	c	a	c	a
c	c	b		b		a
b	b	a	c	a	c	a
g	a	b		a	e	b
	h	a	e	b		a
c	a	b		b		a
	h	b		b		b
b	a	b		b		b
b	b	a	c	a	c	a
a	a	a	e	a	c	a
b	a	b		b		a
d	i	a	c	a	c	b
c	h	a	d	a	c	a
b	b	a	c	a	c	a
b	i	a	e	a	e	b
c	a	a	e	a	c	a
h	i	a	c	a	c	b
h	a	a	c	a	c	a
f	a	a	c	a	c	a
e	a	a	e	a	e	a
h	i	a	c	b		b
g	a	a	e	a	c	a
c	b	a	c	a	c	a
e	i	a	c	a	c	a
d	b	a	e	a	c	a
g	a	a	e	a	e	a
e	b	a	e	a	c	a
	b	a	c	a	e	b
c	a	a	c	a	c	a
e	b	a	c	a	c	a
g	b	a	e	a	c	b
a	c	a	e	a	c	b
e	a	a	c	a	c	a
c	a	a	e	a	c	a
f	h	a	c	a	c	a
b	c	a	e	a	e	a

h	h	a	e	a	d	a
c	b	a	c	a	c	a
d	i	a	c	a	c	a
a	a	a	d	a	d	a
c	a	a	c	a	c	a
b	b	a	c	a	c	b
e	b	a	c	a	c	a
h	i	b		a	c	b
b	b	a	c	a	c	a
g	b	a	c	a	c	a
b	b	a	d	a	d	a
a	a	a	c	a	c	a
e	b	a	c	a	e	a
b	b	b		a	e	b
a	d	a	e	a	e	a
c	d	b		b		a
a	h	a	d	a	d	a
		a	e	a	e	b
a	h	a	d	a	d	a
b	h	b		b		a
c	a	a	e	a	e	a
b	b	a	c	a	b	b
b	a	a	c	a	c	a
g	a	b		a	c	b
b	b	b		a	d	b
b	b	b		a	d	a
b	b	a	e	a	e	a
g	a	b		b		a
a	b	a	c	a	c	b
b	c	a	e	a	e	b
a	c	a	e	a	e	a
b	a	a	e	a	e	a
e	b	b		b		b
a	a	b		b		a
b	b	a	c	a	c	b
a	a	a	c	a	c	a
a	b	a	c	a	c	b
a	b	b		a	e	a
c	a	b		a	c	a
g	b	a	e	a	e	a
c	a	b		b		a
b	a	a	e	a	d	a
f	b	b		a	e	a
h	b	a	e	a	c	a
f	b	a	c	a	c	b
f	a	b		a	c	b
f	b	b		a	c	b
a	a	a	c	a	c	a
f	a	a	e	a	c	a
b	b	a	c	a	c	b
c	a	a	d	a	d	a
a	b	a	c	a	c	b
b	b	a	c	a	c	b
b		a	d	a	d	a
c	h	a	e	a	e	a
h	a	a	d	a	d	a

b	b	a	c	a	c	a
h	a	a	d	a	d	a
a	c	a	d	a	d	a
a	b	a	c	a	c	b
a	j	b		b		b
a	a	a	d	a	d	a
d	h	a	c	a	c	b
b	a	b		b		b
b	a	b		a	c	b
b	b	a	c	a	c	b
c	b	a	d	a	d	a
g	a	a	c	a	c	a
a	a	a	c	a	c	a
e	a	a	c	a	c	a
c	a	a	c	a	c	a
c	a	a	c	a	d	a
c	a	a	c	a	c	a
a	a	a	e	a	c	a
c	a	a	c	a	c	b
b	a	a	c	a	e	b
b	a	a	c	a	c	a
	h	a	c	a	c	a
e	h	a	d	a	d	a
	h	a	c	a	c	a
a	a	a	d	a	d	a
c	h	a	c	a	c	a
b	a	a	d	a	d	a
b	a	a	e	a	e	a
a	a	a	c	a	c	b
a	c	a	d	a	d	a
g	b	a	c	a	c	a
	a	a	d	a	d	a
	h	a	c	a	c	a
d	b	a	c	a	c	a
	a	a	c	b		a
b	a	a	c	a	c	a
b	a	a	c	a	c	a
g	a	b		a	c	b
	a	a	e	a	e	a
a	b	b		a	e	a
b	a	b		a	c	b
b	a	b		a	d	a
a	b	b		a	c	b
g	b	a	e	a	e	a
g	b	a	c	a	c	b
a	b	a	c	b		b
c	a	a	c	a	c	a
a	a	b		b		b
c	a	b		b		b
c	a	a	c	a	c	b
e	a	a	c	a	c	a
a	a	a	c	a	c	b
h	h	b		b		b
h	b	a	c	a	c	b
b	b	a	c	a	e	b
b	a	a	c	a	c	a

d	b	a	c	a	e	b
h	i	a	c	a	d	a
c	b	a	c	a	c	a
f	b	a	c	a	c	b
b	b	a	c	a	c	b
	h	a	c	a	c	b
d	b	a	c	a	c	b
d	a	a	c	a	c	a
a	h	a	c	a	b	b
	b	a	c	a	c	a
a	b	a	c	a	c	a
g	a	a	d	a	c	a
	h	a	d	a	c	a
a	j	a	d	a	d	a
g	i	a	c	b		b
e	a	a	c	a	c	a
		b		a	c	a
c	a	a	c	a	d	a
b	a	a	c	a	c	a
c	b	a	c	a	c	a
b	a	a	c	a	d	b
b	h	a	e	a	c	b
b	b	a	c	a	c	a
b	a	a	e	a	d	a
a	b	a	c	a	c	b
b	a	a	c	a	c	a
b	b	a	c	a	e	a
c	b	a	c	a	c	a
b	a	a	e	a	e	a
b	a	a	c	a	c	a
c	a	a	c	a	e	a
h	i	a	c	a	c	a
c	h	a	d	a	d	a
	a	a	d	a	d	a
b		b		b		b
	i	a	c	a	c	b
a	h	b		b		a
c	h	b		a	c	b
b	b	a	c	a	c	b
b	b	b		a	c	a
a	a	a	c	a	c	a
c	a	a	c	a	c	a
g	a	b		a	d	b
g	a	b		a	c	b
b	b	a	c	a	c	a
c	a	b		a	c	b
b	a	b		b		b
f	a	a	c	a	c	b
h	h	a	c	a	c	b
a	a	a	d	a	c	a
a	a	b		b		b
c	h	b		b		b
c	a	a	c	a	c	a
h	c	a	e	a	c	b
h	a	a	c	a	c	b
c	j	a	c	a	c	a

b	a	a	e	b		b
b	a	b		a	e	b
h	i	a	c	a	c	a
c	a	a	c	a	c	a
h	i	a	e	b		b
b	a	a	c	a	c	a
b	b	b		b		b
e	b	a	c	a	c	b
h	h	a	c	a	c	b
d	a	b		a	c	b
b	f	a	c	a	d	a
	a	a	e	a	c	a
	h	a	e	a	c	a
	b	a	c	a	c	b
	a	a	e	a	c	a
b	a	a	c	a	c	a
a	i	a	e	a	e	a
b	a	b		a	e	a
a	a	b		a	c	a
b	b	a	c	a	c	a
a	b	a	c	a	c	a
a	b	a	d	a	d	b
b	b	a	c	a	c	a
c	b	a	e	a	e	b
a	a	a	c	b		b
a	b	a	c	a	c	b
b	a	a	c	a	e	a
c	h	a	c	b		a
c	a	a	d	a	d	a
d	b	b		a	c	b
c	b	a	c	a	c	a
	d	a	c	a	c	a
a	h	a	c	a	c	a
	a	b		b		b
e	h	a	c	a	c	b
h	i	a	c	a	c	b
a	a	a	e	a	c	a
h	i	a	c	b		b
a	a	a	c	b		b
a	b	b		a	d	b
b	b	a	c	a	c	b
d	b	a	e	a	c	a
a	h	a	e	a	e	a
	b	a	c	a	c	b
a	i	a	c	a	c	a
	i	b		b		b
a	b	a	e	a	c	a
d		a	c	a	c	a
a		b		b		a
d	a	a	c	a	c	a
c		a	e	b		a
a	b	b		b		b
h	i	a	c	a	c	a
d	a	a	c	a	c	a
b	b	b		a	e	b
g	i	a	c	a	c	a

c	a	a	c	a	c	a
b	a	b		a	c	a
g	b	b		a	d	a
h	a	a	e	a	e	a
a	i	a	c	a	c	a
h	a	a	e	a	e	a
c	a	a	c	a	c	a
c	b	a	e	a	c	b
d	a	b		a	d	a
b	a	a	c	a	c	a
d	i	a	c	a	c	a
g	b	b		a	c	a
b	c	a	c	a	d	b
g	b	a	c	a	c	a
b	b	a	c	a	c	a
a	a	b		a	c	a
a	a	a	d	a	d	a
d	a	a	c	a	c	a
a	b	a	c	a	c	a
b	a	a	e	a	c	a
h	i	a	c	a	c	a
g	a	a	c	a	c	b
c	b	a	c	a	c	b
c	a	a	c	a	c	a
h	a	a	c	a	c	a
h	a	a	c	a	c	a
c	b	a	c	a	c	b
a	d	a	d	a	d	a
h	i	a	e	b		b
d	a	a	c	a	c	a
c	a	a	e	a	e	a
h	a	b		a	c	b
b	b	a	c	a	c	b
d	h	a	c	a	c	a
b	a	b		a	e	b
f	i	a	c	a	c	b
f	a	a	c	a	c	a
d	a	a	c	a	e	a
g	a	a	c	a	d	a
b	a	a	d	a	d	a
g	a	a	d	a	c	a
f	a	a	c	a	c	a
h	a	a	c	a	c	a
h	b	a	c	a	c	a
c	a	a	e	a	e	a
b	b	a	c	a	c	a
g	a	a	c	a	c	b
f	a	b		b		b
d	a	a	c	a	c	a
	a	a	c	b		b
m	i	a	d	a	d	a
h	a	a	c	a	c	a
h	a	b		a	e	a
h	h	a	c	a	c	b
f	a	a	c	a	c	a
g	i	a	c	a	e	a

b	h	b		a	e	b
h	a	a	c	a	d	b
h	a	a	c	a	c	a
d	a	a	e	a	c	a
b	a	a	e	a	e	a
a	a	a	e	a	c	a
e	b	a	c	a	c	a
e	i	a	e	a	e	a
h	b	a	c	a	c	a
h	a	a	d	a	d	a
h	a	a	c	a	c	a
e	a	a	d	a	c	a
d	b	a	c	a	c	b
h	a	a	c	a	c	b
h	a	a	c	a	c	a
d	a	a	e	a	c	a
b	a	a	c	a	c	a
b	a	a	c	a	c	b
c		a	e	a	c	a
b	h	a	c	a	c	b
b	i	b		a	c	b
d	b	a	c	a	c	a
a	b	a	c	a	c	a
a	a	a	c	a	c	a
c	a	b		a	d	b
b	a	a	c	a	c	a
h	h	a	c	a	c	a
d	a	a	e	a	d	a
g	a	b		a	c	b
f	a	a	c	a	c	b
f	a	b		b		b
	i	a	e	a	d	a
h	a	b		a	c	b
a	a	b		a	c	a
f	a	a	e	a	e	b
h	a	b		b		b
b	b	a	c	a	c	a
c	c	a	e	a	e	b
d	b	a	e	a	e	a
g	a	a	c	a	c	a
f	a	a	e	a	c	a
g	i	a	e	a	c	a
b	b	a	c	a	c	a
g	i	b		a	c	b
e	a	b		a	e	b
d	b	a	e	a	c	b
d	b	a	e	a	c	a
h	a	b		b		a
a	a	a	c	a	c	a
a	i	a	c	a	c	a
b	i	b		a	e	b
b	a	a	c	a	c	a
h	i	a	e	a	c	a
h	a	a	c	a	c	b
h	a	a	e	a	e	a
d	a	a	e	a	e	b

	h	a	c	a	c	a
a	b	a	e	a	e	a
	i	b		b		b
	h	a	e	a	e	a
	h	b		b		b
	a	a	e	a	e	a
	b	a	e	a	e	a
	b	a	e	a	e	a
	a	a	e	a	e	a
e	a	a	e	a	e	a
	i	a	e	a	e	a
	a	b		b		a
	h	a	e	a	e	a
b	b	b		b		a
e	b	b		b		a
	d	b		b		b
	b	b		a	e	b
b	b	a	c	a	c	a
	b	a	c	a	c	b
	b	a	e	a	e	a
	a	a	e	a	e	a
	b	b		a	e	b
h		b		b		a
	a	a	e	a	e	a
	a	b		b		b
	a	b		b		b
	b	b		b		a
	a	a	e	b		a
a	b	a	e	a	e	a
	a	b		b		a
	b	a	c	a	c	b
c	a	a	e	a	e	a
b	b	b		b		a
d	a	b		b		a
	a	b		b		b
	c	b		b		b
b	b	a	c	a	c	b
	i	a	e	a	e	a
	a	a	e	a	e	a
b	a	b		b		a
b	a	a	d	a	d	a
h	b	a	c	a	c	b
	a	a	c	a	c	a
d	a	b		a	c	a
	a	a	e	a	c	a
b	a	a	d	a	d	a
	i	a	c	a	c	a
	i	a	e	a	c	a
b	b	a	c	a	c	a
	i	a	e	a	e	a
	i	b		b		b
d	a	a	e	a	c	a
d	a	a	c	a	c	a
	a	a	e	a	e	a
	i	a	e	a	e	a
h	i	b		b		a

d	b	b		b		a
	i	a	c	a	c	a
	a	a	e	a	c	a
	b	b		b		b
b	a	b		a	c	a
b	b	a	e	b		b
c	b	b		a	e	a
d	a	a	c	b		b
b	b	a	e	a	e	a
	b	a	e	a	e	a
	a	a	e	a	e	a
e	h	a	e	a	e	a
a	c	a	e	a	c	a
b	b	a	e	a	e	a
g	b	b		b		b
	a	b		a	e	a
c		b		b		b
	a	a	e	b		a
c	a	b		b		a
g	a	b		b		b
c	h	a	e	a	e	b
b	b	a	e	a	e	a
	h	a	d	a	e	a
b	a	b		b		a
	a	b		a	e	a
g	a	b		a	e	a
c	a	a	e	a	e	b
	b	a	e	a	e	a
	h	b		b		b
	h	a	e	a	c	a
	h	b		b		b
	h	b		b		b
	i	b		b		b
b	a	a	c	a	c	a
	h	b		b		b
c	a	b		a	e	a
h	b	a	c	a	c	b
e	b	a	c	b		b
a	a	a	c	a	c	a
c	a	b		b		a
a	b	a	c	a	c	b
c	b	a	c	a	c	a
h	h	b		b		b
e	b	a	c	a	c	b
f	c	a	e	a	e	a
	a	a	e	a	e	b
a	b	a	c	b		b
a	a	b		b		b
a	b	a	c	a	c	b
	h	a	c	a	e	b
b	b	a	c	a	c	a
c	i	b		a	c	a
	h	a	c	a	c	a
f	a	a	e	b		a
b	h	a	c	a	c	a
a	b	b		b		b

b	a	b		b		a
	b	b		b		b
	b	a	c	a	c	b
a	b	b		b		b
c	a	a	d	a	d	a
a	a	b		b		b
a	b	a	c	a	c	b
b	b	a	c	a	c	a
b	b	a	c	a	c	b
	h	a	c	a	c	a
a	b	a	c	a	c	a
b	b	b		b		b
g	i	a	e	a	e	a
a	b	b		b		b
h	b	a	c	a	c	a
d	a	a	c	a	c	a
d	b	a	c	b		b
h	h	b		b		a
h	h	a	c	a	c	a
c	b	a	e	a	e	a
g	b	a	c	a	c	b
d	b	a	c	a	c	a
c	b	a	e	a	e	b
a	b	b		b		b
c	c	a	c	a	c	a
b	b	a	e	a	e	b
d	b	a	e	a	e	a
d	h	b		b		b
h	b	a	e	a	e	b
b	b	b		b		b
a	b	a	c	a	c	a
h	h	a	c	b		a
h	h	a	e	a	e	b
b	a	a	e	a	e	a
h	b	a	e	a	e	a
c	b	b		a	c	b
h	h	a	c	a	c	a
h	h	a	e	a	e	a
c	b	a	c	a	c	a
b	a	a	e	a	e	a
a	b	a	c	a	c	a
b	a	a	c	a	c	a
d	b	a	c	a	c	a
a	b	b		a	e	a
h	h	a	c	a	c	a
h	h	a	e	a	e	a
a	b	a	c	a	c	a
b	b	b		a	e	b
b	b	a	c	a	c	a
h	i	a	e	a	e	b
b	b	b		a	e	b
g	i	a	e	a	c	b
g	a	a	c	a	c	a
a	a	a	c	a	c	b
g	b	b		a	c	b
a	b	a	c	a	c	a

b	b	a	c	a	c	a
b	b	b		a	c	a
a	a	a	c	a	c	a
a	a	b		b		a
a	c	b		a	e	a
b	b	a	c	a	c	a
a	b	a	c	a	c	a
c	a	a	e	a	e	a
	i	a	c	a	c	a
b	b	a	e	a	e	a
	b	a	c	a	c	a
b	b	a	e	a	e	a
	h	b		a	e	a
c	a	b		b		b
	i	b		b		a
b	a	a	c	a	e	a
	b	a	c	b		a
d	i	a	c	a	c	a
	a	a	c	a	e	b
b	a	a	e	a	e	a
a	a	a	e	a	c	b
	i	b		b		b
	i	b		a	c	a
b	a	a	c	a	c	a
c	a	a	e	a	e	a
	i	a	e	a	e	b
a	i	b		b		b
	i	b		b		b
	a	a	c	b		a
c	c	a	c	a	c	a
	i	a	e	a	e	a
c	c	b		b		b
a	a	a	c	a	c	b
b	b	b		a	c	b
a	a	a	c	a	c	a
b	a	a	e	a	e	b
	i	a	e	a	e	b
	a	a	c	a	c	a
	b	b		b		b
b	a	b		b		b
	i	b		a	c	b
b	a	b		b		b
a	a	a	e	a	c	a
a	c	b		b		b
a	a	b		b		b
b	a	a	e	a	c	a
	b	a	c	a	c	b
b	i	a	c	a	c	a
e	d	a	c	a	c	a
a	b	a	c	a	c	a
a	h	a	c	a	c	b
e	h	b		b		b
b	b	a	c	a	c	b
b	b	a	c	a	e	b
	b	a	c	a	c	a
	h	a	e	b		b

a	b	b		b		b
a	a	a	c	a	c	a
	a	a	e	b		b
	a	a	d	a	d	b
c	c	a	c	a	c	a
c	h	a	c	a	c	a
c	b	a	e	a	e	b
	b	a	e	a	e	a
a	a	a	c	a	e	a
c	c	b		a	e	b
a	a	a	c	a	c	a
b	b	b		a	c	b
a	a	b		b		b
a	a	b		b		b
	a	b		b		a
a	b	b		a	e	a
	h	a	e	a	e	a
	a	a	e	a	e	a
	h	a	e	b		a
	h	a	e	a	e	a
	h	a	e	a	e	a
	a	a	e	a	e	a
	b	a	e	a	e	a
	h	a	e	a	e	a
d	b	a	e	a	e	a
b	h	b		b		a
a	b	a	e	a	e	a
a	b	a	e	a	e	a
	h	e	a	e	a	e
	a	a	e	b		a
	h	b		b		b
	a	b		b		a
	h	a	e	a	d	a
c	a	a	e	a	c	a
e	a	b		a	e	a
a	b	b		b		b
	i	a	e	a	e	a
	h	a	e	a	e	a
e	b	a	e	a	e	a
	a	a	e	a	e	a
	h	b		b		b
b	b	a	e	a	e	b
	a	b		a	e	b
c	b	b		a	e	a
b	a	a	c	a	e	b
a	a	b		b		b
a	a	b		b		b
	b	a	c	a	c	b
a	b	a	c	a	c	a
a	a	b		b		a
f	b	b		b		b
c	a	b		b		a
c	a	b		b		a
a	b	b		a	c	a
a	c	b		b		b
b	h	b		a	c	a

a	b	b		a	c	b
a	b	a	c	a	c	b
	b	a	c	a	c	a
c	a	b		b		a
a	h	a	c	a	c	b
	h	a	e	a	e	a
a	b	a	c	a	c	a
	a	b		a	c	a
c	b	a	e	a	e	b
g	h	a	c	a	c	a
c	b	b		a	c	a
	h	b		a	c	b
a	h	b		a	c	b
d	b	a	c	a	c	a
a	a	b		b		b
b	a	b		b		b
c	h	b		a	c	a
b	b	b		b		b
b	b	a	e	a	e	a
g	a	b		a	e	a
	h	a	e	a	e	a
c	b	a	e	a	e	a
	a	b		b		b
h	h	b		b		b
	c	a	c	a	c	b
	h	b		a	e	a
c	b	a	e	a	e	a
	h	a	e	a	e	b
	h	b		a	e	b
	h	b		a	e	a
g	h	b		a	e	a
b	a	b		a	e	b
c	h	b	a	a	e	b
	h	b		b		a
c	a	b		a	c	b
g	h	b		b		a
g	h	b		b		b
g	b	b		b		a
d	b	a	c	a	c	a
	a	b		a	e	a
	h	a	c	a	c	a
b	b	b		a	c	a
c	a	b		a	e	b
a	h	b		b		b
g	a	b		a	c	a
a	h	b		b		b
a	b	a	e	a	e	b
c	b	a	c	a	c	b
d	a	b		b		a
c	a	b		b		b
c	a	b		a	e	b
a	a	a	e	a	e	a
c	b	a	c	b		b
b	a	b		b		a
c	h	b		a	e	b
b	b	b		b		b

c	a	b		b		a
b	a	b		b		b
d	a	b		a	e	b
c	b	b		b		a
b	a	a	e	a	c	b
b	a	b		a	e	b
b	a	a	e	a	e	b
c	a	b		b		b
b	b	b		a	e	b
d	b	b		b		b
c	d	b		a	e	b
b	a	b		b		b
b	e	a	e	b		b
b	b	b		b		b
e	a	b		a	e	b
c	a	a	e	b		b
b	a	b		b		a
a	a	b		b		b
c	c	a	e	b		b
e	d	b		a	e	b
c	a	a	e	b		b
	b	a	c	b		a
b	a	b		b		b
	i	b		b		b
b	b	b		b		b
	h	a	c	a	c	a
	h	b		a	e	b
	h	a	e	a	e	a
	b	b		a	e	b
	b	a	e	a	e	a
e	b	a	c	a	c	a
	h	a	c	a	c	a
	b	a	e	a	e	a
	b	a	e	a	e	a
b	a	b		b		b
b	a	a	e	a	e	a
	h	a	e	a	e	a
a	b	a	e	a	e	a
	b	a	e	a	e	a
	h	b		b		b
b	a	a	e	a	e	a
	b	b		b		b
	c	b		a	e	a
	c	a	e	a	e	a
a	b	b		a	e	b
	b	b		a	e	b
	h	a	e	a	e	b
e	b	b		b		a
a	c	b		b		a
b	b	a	c	a	c	a
a	a	b		a	e	b
b	a	a	e	a	e	b
a	a	b		b		a
b	b	a	c	a	c	b
a	a	a	e	b		a
c	a	a	c	a	c	b

a	a	b		b		b
c	a	a	e	b		a
d	b	a	e	a	e	a
b	a	b		a	c	b
a	d	b		b		b
a	a	b		b		b
c	b	b		a	c	b
b	b	b		a	c	b
b	a	b		b		a
c	b	b		b		a
d	b	a	c	a	c	b
a	a	b		b		b
b	b	b		a	e	b
d	a	a	c	a	c	a
b	a	a	e	a	c	b
c	a	b		b		b
d	b	b		a	c	b
c	b	a	c	a	c	b
a	b	b		a	c	b
c	a	a	e	a	e	a
b	a	b		a	e	a
d	b	a	e	a	e	a
g	b	a	e	a	e	a
h	b	b		b		b
a	a	a	e	b		a
d	b	a	e	a	d	b
h	i	b		b		b
e	b	b		a	c	b
a	i	b		b		b
b	b	a	c	a	c	b
c	a	b		a	c	a
h	i	a	c	b		b
a	b	a	c	b		b
g	a	b		b		b
c	h	b		b		b
b	a	b		b		b
b	a	b		b		a
h	b	a	c	a	c	b
h	a	b		b		b
h	i	a	c	a	c	a
h	b	b		b		a
h	d	b		b		b
b	i	a	e	b		a
a	a	b		b		a
g	i	a	e	b		b
a	a	b		b		a
b	b	a	c	a	c	b
c	b	a	c	a	e	b
b	b	a	c	b		b
a	a	b		b		b
b	a	b		b		a
b	a	b		b		b
b	a	a	e	a	e	a
b	b	b		a	c	b
	b	a	e	b		a
a	a	a	e	a	e	b

b	b	a	e	a	e	b
f	b	a	c	a	c	b
d	a	a	e	a	e	b
a	a	b		a	e	b
	a	b		b		b
b	b	a	e	a	e	b
b	a	a	e	a	e	a
d	a	b		b		b
f	b	b		a	c	a
	a	b		a	e	a
f	b	b		a	c	b
d	a	a	e	a	c	a
f	a	a	e	b		b
f	a	a	c	a	c	b
g	b	a	c	a	c	b
g	i	b		b		b
	a	a	c	a	c	a
b	c	a	e	a	d	a
b	b	b		b		b
f	a	b		a	c	b
a	b	a	c	a	e	a
c	a	a	e	a	c	a
	b	a	c	a	c	b
a	c	b		b		b
f	a	b		b		b
	a	b		b		b
c	a	b		a	e	a
a	c	b		a	d	a
c	b	b		a	c	a
c	a	b		a	e	a
a	b	a	c	a	c	a
h	h	a	c	b		b
a	c	b		a	d	a
b	b	b		a	c	a
g	i	b		b		b
a	c	b		b		a
b	b	a	c	a	c	a
d	b	a	c	a	c	a
h	h	a	c	a	c	a
c	a	a	e	a	d	a
h	a	b		a	d	a
g	b	b		a	c	a
h	b	b		a	c	a
c	b	a	c	a	c	a
a	c	b		b		a
d	g	b		a	d	a
g	b	a	c	a	c	a
h	h	b		b		b
c	a	b		a	d	a
h	h	a	c	a	c	a
a	c	b		a	e	a
c	a	a	c	a	d	a
g	b	a	c	a	c	b
d	b	a	c	a	c	a
h	h	a	c	a	c	a
b	c	b		a	d	a

c	b	a	c	a	c	b
e	b	a	c	a	c	a
d	h	a	c	a	d	b
c	a	a	d	a	d	a
d	b	a	c	a	c	a
b	a	a	d	a	d	a
d	h	b		b		b
d	c	a	c	a	c	b
	h	a	c	a	c	b
c	d	b		b		b
c	a	a	d	a	d	a
	h	a	e	a	e	b
d	a	b		b		b
	a	b		b		b
	i	b		b		b
	i	a	e	a	e	b
d	b	a	c	a	b	b
d	b	a	c	a	c	b
a	a	a	d	a	d	a
d	h	b		b		b
h	h	a	c	a	c	b
	c	a	c	a	c	b
c	b	a	c	a	c	b
		b		b		b
	c	a	c	a	c	b
i	i	a	c	a	c	b
b	b	a	c	a	c	b
h	h	b		b		b
d	a	b		b		b
d	h	b		b		b
a	h	a	c	a	c	b
d	b	a	c	a	c	b
a	h	a	d	a	d	a
b	a	b		b		a
h	i	b		b		b
d	a	b		b		b
d	c	b		b		b
	i	b		b		b
b	i	b		b		b
b	i	b		b		a
c	a	b		b		b
f	b	b		b		b
b	i	b		b		b
i	i	b		b		b
b	b	b		a	c	b
d	b	a	e	a	e	b
b	b	a	c	b		a
c	a	b		a	c	a
	b	a	c	b		b
c	h	a	e	a	e	a
	i	b		b		b
b	a	b		b		a
	b	b		b		b
b	b	b		b		b
a	b	b		a	e	b
g	a	a	c	b		b

f	b	a	c	a	c	b
	b	a	e	a	e	b
	a	b		b		b
h	b	a	c	b		b
	a	a	e	a	e	b
	b	b		b		b
c	a	a	c	b		b
a	h	b		b		b
g	b	a	c	a	c	a
	a	b		b		b
h	a	a	e	a	c	b
b	a	b		a	d	a
b	a	a	e	a	e	a
	a	a	e	b		b
	i	a	c	a	e	b
g	c	b		b		b
b	a	b		b		b
	i	a	c	b		a
	i	a	e	a	e	a
	a	a	c	a	c	a
	i	b		b		b
	i	a	c	a	e	a
g	b	a	e	b		a
d	b	b		a	c	a
c	b	b		a	c	a
a	a	b		b		b
e	h	b		a	c	a
b	b	a	c	b		b
d	b	b		b		b
c	b	b		a	c	a
e	a	b		a	e	a
b	b	a	c	a	c	b
c	i	b		b		b
b	b	b		b		b
e	h	b		b		b
a	a	b		b		b
d	b	a	c	a	c	b
b	a	b		a	e	a
h	b	b		b		b
d	b	a	c	a	c	b
b	a	b		b		b
b	b	a	c	b		a
c	a	b		b		a
c	b	b		b		b
b	b	b		b		b
d	a	b		b		b
b	b	b		b		b
b	b	b		b		b
e	a	b		b		a
d	b	b		a	c	b
d	a	a	c	b		b
a	a	a	e	b		b
d	a	b		a	c	a
b	a	b		b		b
b	a	b		b		a
c	a	b		b		b

b	a	b		b		b
d	a	b		b		b
c	c	a	c	a	c	b
f	a	a	c	b		b
b	a	b		b		b
a	a	b		b		b
a	b	b		b		b
c	b	b		a	d	b
c	b	b		a	e	b
b	a	b		b		b
b	b	b		b		b
a	b	b		b		b
e	a	b		b		b
b	a	a	c	a	c	a
b	b	a	c	a	c	b
c	a	b		b		b
b	a	b		b		b
g	b	a	d	a	d	a
d	b	a	c	a	c	b
	b	a	c	a	c	a
a		b		b		b
g	i	b		b		b
	b	a	c	a	c	b
c	b	a	c	a	c	b
b	b	b		b		b
b	h	a	c	a	c	b
c	b	a	c	a	c	b
	c	b		b		b
	c	b		b		a
d	b	a	c	a	c	b
c	d	a	e	a	e	a
c	b	a	c	a	c	b
h	i	b		a	c	b
a	a	a	c	b		a
f	i	b		a	c	b
b	b	b		b		b
h	i	a	c	a	c	a
d	a	b		a	e	a
b	b	a	c	a	c	b
h	h	b		a	c	a
f	a	b		b		b
d	a	b		a	e	b
a	i	b		a	e	a
d	a	b		a	e	b
b	b	a	c	a	c	b
b	f	b		b		b
c	b	a	c	a	c	b
d	b	a	e	a	e	b
c	b	a	e	a	c	b
c	b	b		b		b
a	b	b		a	e	a
b	a	a	e	b		b
f	a	b		b		b
a	a	b		b		b
d	b	a	e	a	c	a
c	b	a	c	a	c	b

f	a	b		b		b
c	b	b		a	e	b
c	a	b		b		a
c	a	b		a	d	b
b	a	b		a	d	b

r12a	r13	r13a	r14	r14a	r15	r15a
	b		b		b	
	a	c	b		b	
	b		a	c	b	
	b		a	c	b	
e	a	e	a	c	b	
c	a	c	a	c	b	
e	b		a	c	b	
c	a	c	b		b	
	b		a	e	b	
c	b		a	c	b	
	b		a	e	b	
	b		a	e	b	
e	a	e	a	e	a	e
	b		a	e	b	
	b		b		b	
e	a	e	a	e	a	e
c	a	e	a	e	a	e
c	a	c	a	c	a	c
c	b		a	c	b	
e	b		b		a	e
	a	c	a	c	b	
	b		a	c	b	
	b		a	e	b	
d	a	d	a	e	b	
	b		a	c	b	
	b		a	e	b	
	b		b		b	
c	b		b		b	
	b		a	c	b	
	b		a	e	b	
e	b		a	c	b	
e	a	e	a	e	a	e
	b		b		b	
	b		a	e	b	
c	a	e	a	d	b	
	b		a	c	b	
c	b		a	c	b	
	b		a	c	b	
	b		a	e	b	
e	a	e	a	c	b	
	b		a	c	b	
	b		a	e	b	
	b		a	c	b	
e	b		a	e	b	
	b		a	c	b	
	b		a	c	a	e
	b		a	e	b	
	b		b		b	
	b		a	c	b	
	b		a	c	b	
	b		a	c	b	
d	b		a	d	b	
	b		a	d	b	
	b		a	d	b	
	b		a	c	b	

	b		a	c	b	
c	a	c	a	c	a	c
	b		a	e	a	c
e	a	e	a	e	a	e
	b		a	e	b	
	b		a	e	b	
c	a	c	a	c	a	c
c	a	c	a	c	a	c
e	a	e	a	e	b	
e	a	e	a	e	a	e
	b		a	c	b	
c	b		a	c	b	
	b		a	e	b	
e	a	c	a	e	b	
	b		a	c	b	
e	a	e	a	e	a	e
	b		a	c	b	
c	a	c	a	c	a	c
	a	e	a	e	b	
e	a	e	a	e	a	e
c	a	c	a	c	b	
e	b		a	e	b	
e	a	e	a	e	a	e
	b		a	e	b	
e	a	e	a	c	a	e
c	a	c	a	c	b	
	a	c	a	c	b	
	b		b		b	
c	a	c	b		b	
e	a	e	a	e	b	
c	a	c	b		b	
	b		a	e	b	
d	b		a	e	b	
c	b		b		b	
	b		a	e	b	
c	b		b		b	
	a	c	a	d	b	
c	b		a	e	b	
c	b		b		b	
e	b		b		b	
	b		b		b	
c	b		b		b	
d	b		b		b	
d	a	d	b		b	
c	b		b		a	c
e	b		b		b	
e	b		b		a	e
	a	e	a	c	b	
e	a	e	a	c	b	
c	b		a	e	b	
	b		a	e	b	
	b		a	d	b	
c	b		b		b	
e	a	c	a	c	a	e
c	b		b		b	
e	b		b		b	

e	b		a	e	b	
e	b		a	d	b	
c	b		a	e	b	
c	a	c	a	d	b	
c	b		a	c	a	c
	b		a	e	b	
c	b		a	e	b	
	b		a	e	b	
e	b		b		b	
c	b		a	e	b	
e	b		a	c	b	
c	b		b		b	
c	a	c	a	e	b	
	b		b		b	
e	a	e	a	e	a	e
c	b		b		b	
c	a	c	a	e	a	e
	b		b		b	
c	a	c	b		b	
c	a	c	a	c	a	c
c	a	c	a	e	a	e
	b		b		b	
d	a	d	a	d	a	d
	b		a	e	b	
	b		b		b	
c	b		a	e	b	
e	b		b		b	
e	b		b		b	
	b		b		b	
	b		a	c	b	
e	b		a	e	b	
e	b		b		b	
	b		a	c	a	e
c	a	c	b		b	
	b		a	e	b	
c	b		a	e	b	
	b		b		b	
e	b		a	e	b	
c	b		b		b	
e	a	d	a	c	a	e
c	a	c	a	d	a	c
c	a	c	b		b	
e	a	e	a	e	b	
c	b		a	e	b	
	b		a	d	b	
	b		a	e	b	
	b		b		b	
e	a	e	a	e	a	e
c	a	c	a	e	b	
	b		b		b	
c	a	c	a	e	a	e
	b		b		b	
	b		b		b	
c	a	c	b		b	
e	a	e	a	e	a	e
c	a	c	b		b	

d	a	d	b		b	
c	a	c	a	d	a	d
d	a	d	a	c	a	c
	b		b		b	
	b		b		b	
c	a	c	b		b	
	b		b		b	
	b		b		b	
	a	c	a	e	b	
	b		a	c	b	
d	a	d	a	e	a	c
c	a	e	a	e	b	
c	b		b		b	
c	b		a	c	b	
e	a	c	a	e	b	
c	b		b		b	
c	a	c	a	c	b	
e	a	e	a	e	b	
	a	c	a	c	a	c
	b		a	c	b	
e	b		a	c	b	
d	a	d	b		b	
c	a	c	b		b	
d	a	d	a	d	a	c
c	a	c	a	c	a	c
d	a	d	a	d	a	d
c	a	c	a	d	a	d
c	a	c	b		b	
	b		b		a	e
d	a	d	a	c	a	c
d	b		a	e	b	
d	a	d	b		b	
d	a	d	a	d	b	
d	b		b		b	
c	a	d	b		b	
c	b		b		b	
c	b		a	e	b	
	b		b		b	
c	a	e	a	e	a	e
e	b		b		b	
	b		b		b	
d	b		b		b	
	b		a	c	b	
c	b		b		b	
	b		b		b	
	b		a	c	b	
c	b		a	e	b	
	b		b		b	
	b		a	e	b	
	b		a	c	b	
c	b		a	e	b	
	b		a	e	b	
	b		b		b	
	b		b		b	
	b		a	e	b	
e	b		a	e	b	

	b		a	e	b	
c	b		a	d	b	
d	b		a	d	b	
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
d	a	d	a	d	a	d
	b		b		b	
c	a	d	a	d	a	c
d	a	d	a	d	a	d
c	a	d	a	c	a	d
d	a	c	a	c	a	d
c	a	c	a	d	a	d
	b		b		b	
c	a	c	b		b	
d	a	d	a	d	a	d
c	a	c	a	c	a	c
e	b		a	c	b	
c	b		a	e	b	
	a	c	a	e	b	
	b		a	c	b	
d	a	d	a	c	b	
e	b		a	e	b	
	b		a	c	b	
c	a	c	a	c	b	
e	b		a	e	b	
c	b		a	e	b	
e	a	e	b		b	
c	a	c	b		b	
e	b		a	e	b	
d	a	d	a	d	a	d
c	a	c	a	c	a	d
c	a	c	a	d	a	d
	b		b		b	
	b		b		b	
c	a	c	a	d	a	d
	b		b		b	
	b		b		b	
c	b		b		b	
e	b		a	e	b	
c	a	c	b		b	
	b		b		b	
	b		a	e	b	
c	b		a	e	b	
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
c	a	c	a	c	a	c
	b		b		b	
	b		b		b	
e	a	c	a	c	b	
	b		a	e	b	
	a	c	b		b	
c	b		a	e	b	

	b		a	c	b	
	b		a	e	b	
e	a	e	b		b	
c	a	c	a	e	b	
	a	e	a	e	b	
c	b		b		b	
	b		a	c	b	
	b		b		a	c
	b		b		b	
	b		b		b	
d	a	c	a	c	a	c
e	b		b		b	
c	a	c	b		b	
	b		b		b	
e	b		b		b	
c	b		b		b	
e	b		b		b	
d	b		a	c	b	
c	a	c	a	c	b	
c	b		a	c	a	c
c	a	e	a	e	a	e
	b		b		b	
d	b		a	e	b	
	b		b		b	
	a	c	a	e	b	
	b		b		b	
c	b		b		b	
d	a	b	a	d	b	
c	b		b		b	
	a	c	b		b	
d	a	d	b		b	
d	a	d	a	e	a	e
d	a	d	b		b	
	a	e	b		b	
	a	c	a	c	a	c
	a	c	a	e	b	
c	a	e	a	e	b	
	b		a	e	b	
	b		b		b	
	b		b		b	
	b		b		b	
e	b		b		b	
e	b		b		b	
	b		b		b	
d	b		b		b	
	b		b		b	
e	b		b		b	
d	a	c	a	e	a	e
d	a	d	a	e	a	e
c	a	c	b		b	
c	b		a	c	b	
	b		a	e	b	
c	b		b		b	
d	a	c	a	e	b	
	b		b		b	
e	b		a	e	a	e

d	b		a	e	b	
c	a	c	b		a	c
d	b		a	c	b	
e	b		b		b	
c	a	c	a	e	b	
e	a	e	a	e	a	e
e	a	e	a	e	a	e
	a	e	a	e	b	
c	b		a	e	b	
e	a	c	b		a	e
d	a	c	a	c	b	
d	b		b		b	
	b		a	c	a	c
c	b		b		b	
c	a	c	a	c	b	
c	b		b		b	
c	a	c	a	e	a	e
d	b		b		b	
d	a	d	b		b	
e	b		b		b	
c	b		b		b	
	b		a	c	a	c
	b		b		b	
c	a	d	b		b	
c	b		b		b	
c	b		a	e	b	
	b		b		b	
d	a	d	a	c	a	c
	b		b		b	
c	b		b		b	
e	a	e	a	e	a	e
	a	c	b		b	
	b		b		b	
d	a	c	a	e	b	
	b		b		b	
	a	e	a	e	b	
c	a	c	a	c	b	
e	b		a	d	b	
e	b		a	e	b	
c	b		a	d	b	
c	a	c	a	e	a	e
c	b		a	c	b	
d	b		b		b	
d	a	d	a	c	a	c
e	a	e	a	e	a	e
c	b		a	d	b	
	a	d	a	c	b	
	b		b		b	
c	b		a	e	b	
	a	c	a	c	b	
d	a	d	a	d	a	d
c	a	c	a	c	b	
e	b		b		a	e
	b		a	c	b	
c	b		b		b	
c	a	c	a	e	b	

	b		a	d	b	
	b		b		b	
c	b		b		b	
e	a	e	a	e	b	
e	a	e	a	e	a	e
c	a	e	b		b	
c	a	c	a	e	a	c
e	b		a	e	b	
c	a	d	a	e	b	
d	a	c	a	c	a	c
d	a	d	a	d	a	d
e	a	c	a	e	a	e
	a	c	b		b	
	b		b		b	
c	b		b		b	
c	b		a	e	b	
c	a	c	a	c	b	
	b		a	e	b	
e	a	e	b		a	e
	b		a	c	b	
	b		b		b	
c	a	e	b		b	
d	a	c	a	c	a	c
c	b		a	c	b	
	b		b		b	
c	b		b		b	
c	a	c	a	c	b	
e	b		b		b	
	b		b		b	
	b		a	e	b	
	b		b		b	
d	a	c	a	e	b	
	a	c	b		b	
c	a	c	b		b	
	b		b		b	
	b		a	e	b	
c	b		a	c	b	
	b		a	c	b	
e	a	e	a	e	a	e
c	b		a	c	b	
e	b		a	e	b	
e	a	e	b		b	
d	a	d	a	c	b	
	b		b		b	
	b		a	c	b	
	b		a	c	b	
d	b		b		b	
c	a	c	b		b	
c	a	c	b		b	
c	b		a	c	a	c
	b		b		b	
d	a	c	a	c	a	c
e	a	e	a	e	a	c
	b		b		b	
e	b		a	e	b	
	b		b		b	

c	a	c	a	c	b	
e	a	e	a	e	b	
	b		b		b	
e	a	e	a	e	b	
	b		b		b	
e	a	e	b		b	
e	a	e	a	e	a	e
e	a	e	a	e	a	e
e	a	e	a	e	b	
e	a	e	a	e	b	
e	a	e	a	e	b	
e	a	e	a	e	b	
e	a	e	a	e	b	
e	b		a	e	b	
e	b		b		b	
	b		b		b	
	b		a	e	b	
e	a	e	a	e	b	
	b		b		b	
e	a	e	a	e	b	
e	a	e	b		b	
	a	c	a	e	b	
e	b		a	e	b	
e	a	e	a	e	b	
	b		b		b	
	b		b		b	
e	b		b		b	
e	a	e	a	e	b	
e	a	e	a	e	b	
e	b		a	e	b	
	b		b		b	
e	a	e	a	e	a	e
c	a	c	a	c	a	c
c	a	c	b		b	
	a	c	b		b	
	b		a	c	b	
	b		a	c	b	
e	a	e	a	e	a	e
e	a	e	a	e	a	e
c	a	c	b		b	
c	a	c	a	e	a	e
	b		a	c	a	c
c	a	c	a	c	b	
c	b		b		b	
c	a	e	a	c	b	
c	a	c	a	e	b	
e	a	e	a	c	b	
e	b		a	c	b	
e	b		a	c	b	
e	a	e	a	e	a	e
	b		b		b	
c	a	c	a	e	b	
c	b		a	c	b	
e	b		a	e	b	
d	a	e	a	e	b	
c	b		a	c	b	

e	a	e	a	e	b	
c	a	c	a	c	b	
c	a	e	a	c	a	c
	b		b		b	
c	b		a	c	b	
	b		a	c	b	
e	a	e	a	c	b	
	b		a	e	b	
e	a	e	a	e	a	e
e	a	e	a	e	b	
e	a	e	b		b	
e	a	e	a	e	a	e
e	a	e	a	e	b	
e	a	e	a	e	a	e
	b		a	e	b	
e	a	c	a	c	b	
	b		a	e	b	
e	a	e	a	e	b	
e	a	e	a	e	a	e
	a	e	a	e	b	
	b		a	e	b	
e	a	c	a	e	a	e
e	a	e	a	e	b	
e	b		b		b	
e	a	e	a	e	b	
e	a	e	a	e	b	
	a	e	a	e	b	
e	a	e	a	e	b	
	b		a	e	b	
c	a	c	a	c	b	
	b		a	e	b	
	a	e	a	e	b	
	b		a	e	b	
c	b		a	c	b	
	b		a	e	b	
e	b		a	e	b	
	b		b		b	
	b		b		b	
c	b		b		b	
c	a	c	b		b	
	b		b		b	
c	a	c	a	c	a	c
	b		b		b	
	b		b		b	
c	a	e	a	c	b	
	b		a	c	b	
	b		b		b	
	b		a	c	b	
	b		b		b	
	a	e	a	e	b	
c	b		a	e	b	
e	b		a	c	b	
c	b		a	c	b	
c	b		b		b	
c	a	c	b		b	
	b		b		b	

c	a	c	b		b	
	a	c	b		b	
	b		b		b	
	b		a	e	b	
c	a	c	a	e	a	e
	b		b		b	
	b		b		b	
c	a	c	a	c	a	c
	b		b		b	
c	a	c	a	c	b	
c	b		b		b	
	b		a	c	b	
e	a	e	a	e	a	e
	b		a	c	b	
c	b		a	c	b	
c	a	c	a	c	b	
	b		a	c	b	
c	a	c	a	c	a	c
c	b		a	c	b	
e	b		a	c	b	
	b		a	c	b	
e	a	e	a	c	b	
	b		a	d	b	
	b		b		b	
c	b		a	c	b	
	b		a	c	b	
d	b		a	c	b	
	b		a	c	b	
	b		a	e	b	
	b		a	e	b	
c	a	c	b		b	
c	b		a	c	b	
	b		a	e	b	
c	a	c	a	e	b	
e	a	e	a	e	a	e
	b		a	c	b	
c	b		a	c	b	
e	a	e	a	e	a	e
e	b		a	c	b	
c	a	c	a	e	a	e
c	a	c	a	c	b	
c	a	e	b		b	
c	a	d	a	c	b	
e	a	e	a	e	b	
c	b		a	c	b	
c	b		a	c	b	
d	a	d	a	c	a	c
	b		a	c	b	
c	a	c	a	c	a	c
	b		a	e	b	
	b		a	c	b	
	b		a	e	b	
c	a	e	a	e	b	
	b		b		b	
	a	c	a	e	b	
c	b		a	c	b	

d	b		b		b	
c	b		a	e	b	
c	a	c	a	c	a	c
c	a	c	b		b	
e	b		a	e	b	
e	a	e	a	e	b	
c	a	c	a	c	b	
e	a	e	b		b	
c	a	c	a	c	b	
e	b		a	e	b	
e	a	e	a	e	a	e
e	a	e	a	e	b	
e	a	e	a	e	b	
	b		b		b	
c	b		a	c	b	
e	b		b		b	
c	b		a	c	b	
e	b		b		b	
	b		a	c	b	
e	a	e	a	e	a	e
	a	e	a	c	b	
	b		b		b	
c	b		a	e	b	
c	b		a	c	b	
e	a	e	a	e	a	e
	b		b		b	
	b		a	c	b	
	b		b		b	
c	b		a	c	a	c
c	b		a	c	a	c
e	b		a	e	b	
	b		a	c	b	
	b		a	c	a	c
	b		b		b	
c	a	c	a	c	a	c
	a	e	a	e	a	e
	b		a	e	b	
e	a	e	a	c	b	
	a	c	b		b	
	b		a	c	b	
	b		a	e	b	
	b		b		b	
e	a	c	a	e	b	
	b		b		b	
	b		b		b	
e	b		b		b	
	b		a	c	b	
c	a	c	a	c	a	c
c	a	c	a	c	b	
e	a	e	b		b	
	b		a	c	b	
	b		b		a	e
	b		a	e	a	e
	b		a	c	b	
c	a	c	b		b	
	b		a	c	a	c

	b		a	c	b	
c	a	c	a	c	a	c
	b		a	e	b	
	b		b		b	
c	a	c	a	c	a	c
c	b		a	e	b	
	b		b		b	
e	a	e	a	e	a	e
e	a	e	a	c	a	c
	b		a	e	b	
c	a	c	b		b	
	b		b		b	
	b		a	c	b	
	b		b		b	
e	b		b		b	
e	a	e	a	e	b	
e	a	e	a	e	b	
e	a	e	a	e	b	
e	a	e	b		b	
e	a	e	a	e	a	e
e	a	e	a	e	b	
e	a	e	a	e	b	
e	a	e	a	e	b	
e	a	e	a	e	b	
e	a	e	a	e	b	
e	b		a	e	b	
e	a	e	a	e	a	e
e	a	e	a	e	b	
a	e	a	e	a	b	
e	b		a	e	b	
	b		b		b	
e	b		b		b	
e	b		b		b	
c	b		a	e	b	
e	a	e	b		b	
	b		a	e	b	
e	a	e	b		b	
e	a	e	a	e	b	
e	a	e	a	e	b	
e	a	e	a	e	b	
	a	e	a	e	b	
	b		b		b	
	b		a	e	b	
c	b		a	c	b	
	b		a	e	b	
	a	c	a	c	a	c
	b		b		b	
	b		b		b	
c	a	c	a	c	b	
c	a	e	b		b	
	b		b		b	
c	a	c	a	c	b	
c	a	c	a	e	b	
e	b		a	e	b	
	b		a	c	a	c
c	b		b		b	

	b		b		b	
	b		b		b	
c	b		a	c	b	
c	a	c	b		b	
	b		b		b	
e	a	e	a	e	b	
d	a	d	b		b	
c	b		b		b	
	a	e	b		b	
c	a	c	b		b	
c	b		a	c	b	
	b		b		b	
	b		a	c	b	
e	a	d	a	e	b	
	a	c	b		b	
	b		b		b	
c	b		b		b	
	b		a	c	b	
e	a	e	a	e	a	e
e	a	e	a	e	b	
e	a	e	a	e	b	
c	a	c	a	c	a	e
	a	e	a	e	b	
	b		a	e	b	
	b		a	c	b	
c	b		a	c	b	
e	a	e	a	e	a	e
	b		b		b	
	b		a	e	b	
e	a	e	a	e	b	
e	b		a	e	b	
	b		a	e	b	
	b		b		b	
c	a	c	a	c	b	
	b		a	c	b	
e	a	e	a	e	b	
	b		a	e	b	
e	b		b		b	
c	a	c	b		b	
e	b		a	e	b	
c	b		a	c	b	
c	a	e	a	c	b	
	a	e	a	c	b	
	a	e	b		b	
c	b		a	c	b	
	b		a	e	b	
	b		a	e	b	
	b		a	e	b	
b	a	c	a	d	b	
	b		b		b	
	b		a	e	b	
e	b		a	c	b	
	b		a	c	b	
e	b		a	e	b	
	b		a	c	b	
	b		a	c	b	

c	a	c	b		b	
	a	c	a	c	b	
	b		a	e	b	
e	b		a	c	b	
	b		a	e	b	
	b		b		b	
	b		a	c	b	
	b		a	e	b	
	b		a	c	b	
	b		b		b	
	b		a	e	b	
	b		b		b	
	b		a	e	b	
	b		a	c	b	
	b		a	e	b	
	b		a	c	b	
e	b		a	c	b	
	b		b		b	
	b		a	c	b	
	b		a	c	b	
	b		a	e	b	
c	a	c	a	e	b	
	b		a	e	b	
	b		b		b	
	b		b		b	
c	a	c	a	c	b	
	b		b		b	
e	a	e	a	e	b	
	b		a	e	b	
e	a	e	a	e	b	a
c	a	c	a	c	b	
d	a	d	a	d	b	
e	a	e	a	e	b	
e	a	e	a	e	b	
	b		b		b	
e	a	e	a	e	b	
e	a	e	a	e	b	
e	a	e	b		b	
e	a	e	a	e	b	
	b		a	e	b	
e	a	e	a	e	b	
	b		a	e	b	
e	b		a	e	b	
e	a	e	a	e	b	
	b		a	c	b	
	b		a	e	b	
	b		a	e	b	
e	a	e	a	e	b	
e	b		a	e	b	
e	a	d	a	c	b	
	b		a	e	b	
	b		b		b	
c	a	c	a	e	b	
	b		b		b	
c	b		b		b	
	b		a	c	b	

	b		b		b	
c	a	c	a	c	b	
e	b		a	e	b	
	a	c	a	c	b	
	b		a	e	b	
	b		a	c	b	
	b		a	c	b	
	b		a	e	b	
c	b		b		b	
c	b		a	c	b	
	b		a	c	b	
	b		b		b	
	b		a	c	b	
c	a	c	a	c	b	
	b		a	c	b	
	b		a	c	b	
	b		a	c	b	
	a	e	a	c	a	c
	b		b		b	
c	a	c	a	c	b	
e	a	e	a	e	b	
d	b		a	e	b	
e	a	e	a	e	a	e
	b		a	e	b	
e	a	e	b		b	
	b		b		b	
	b		b		b	
	b		a	c	b	
	b		a	c	b	
	b		a	c	b	
c	a	c	b		b	
	b		b		b	
	b		a	c	b	
	b		a	c	b	
	b		a	e	a	e
	b		b		b	
c	a	c	b		b	
	b		b		b	
	b		b		b	
c	a	c	a	c	b	
e	b		b		b	
	b		a	e	b	
e	b		b		b	
c	a	c	b		b	
	b		b		b	
c	a	c	b		b	
	b		a	e	b	
	b		a	e	b	
	b		a	c	b	
	b		a	c	b	
e	b		b		b	
	b		a	c	b	
c	a	e	a	c	a	e
	b		a	c	b	
e	a	e	a	e	a	e
	b		a	e	b	

	b		a	e	b	
	b		a	e	b	
	b		a	e	b	
	b		a	c	b	
	b		b		b	
	a	e	a	c	a	c
e	a	e	a	e	a	e
	b		a	c	b	
c	b		a	e	b	
e	b		a	c	b	
	a	c	a	c	a	c
c	a	e	a	d	a	d
	b		a	e	b	
	b		a	c	b	
	b		a	e	b	
	b		b		b	
c	a	c	a	c	a	c
d	a	e	a	c	b	
	b		a	e	b	
	b		a	c	b	
e	a	e	a	c	a	c
e	b		a	e	b	
	b		b		b	
	b		a	c	b	
	b		a	e	b	
	b		a	e	b	
e	b		a	e	b	
c	b		a	c	a	c
d	b		a	c	b	
c	a	c	a	e	b	
d	b		b		b	
	b		a	c	b	
e	b		a	c	a	c
d	b		a	c	a	e
	b		b		b	
d	b		a	c	a	c
c	a	e	a	c	a	d
e	a	e	a	c	a	e
c	a	c	a	c	b	
c	a	c	a	e	a	e
c	a	e	a	c	b	
e	b		a	c	b	
c	a	e	a	e	b	
d	a	e	a	c	b	
d	b		a	c	a	c
d	b		a	e	b	
d	a	d	a	e	b	
	b		a	c	b	
c	a	c	a	c	a	e
c	b		a	e	a	e
d	b		a	c	a	c
c	a	c	a	c	b	
	b		a	e	b	
d	a	d	a	e	b	
d	b		a	e	a	d
e	b		a	c	a	c

a	b	b	b	c	b	c
d	a	d	a	e	a	e
	a	c	a	c	b	
c	a	c	a	d	a	d
d	a	d	a	d	a	d
c	a	c	a	e	a	e
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
c	a	c	b		b	
	b		b		b	
	b		a	c	b	
	b		b		b	
	b		b		b	
	b		a	e	b	
	b		b		a	d
	b		b		b	
c	a	c	a	d	a	d
	b		b		b	
	a	e	b		b	
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
	a	d	a	d	a	d
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
d	a	d	a	d	a	d
c	a	c	b		b	
	b		a	c	b	
	b		b		b	
	b		a	e	b	
	b		a	e	b	
	a	d	a	e	b	
e	a	c	a	e	b	
	a	e	a	e	b	
	a	e	a	e	b	
	b		a	c	a	e
	b		b		b	
	a	c	b		b	
	a	c	a	c	b	
e	b		a	e	b	
e	a	c	a	c	b	
	b		a	e	b	
e	a	e	a	c	b	
	b		a	e	b	
c	b		b		b	
	b		a	c	b	
	b		a	e	b	
	b		a	d	b	
	b		a	c	b	

	b		a	c	b	
	b		a	e	b	
	b		a	e	b	
	b		a	c	b	
	a	c	a	c	b	
	b		a	c	b	
	b		a	c	b	
	b		a	e	b	
c	a	c	a	c	a	c
	b		a	e	b	
	b		a	c	b	
c	a	c	a	c	b	
c	a	c	a	e	b	
	b		a	e	b	
	b		a	e	b	
	b		a	c	b	
	b		a	e	b	
c	a	c	a	c	b	
e	a	e	a	e	a	e
d	b		a	d	b	
	b		a	e	b	
e	b		a	e	b	
e	a	c	a	e	b	
c	a	c	a	e	b	
e	a	c	a	e	b	
	a	e	b		b	
e	a	c	a	c	b	
	b		a	d	b	
	a	c	a	d	b	
d	a	c	a	d	b	
e	a	e	a	d	b	
	b		a	d	b	
	a	c	a	e	b	
	b		a	c	b	
	a	c	a	e	b	
	a	c	b		b	
	a	c	a	e	b	
c	a	c	a	e	b	
	b		a	e	b	
	a	e	a	c	b	
	a	c	a	e	b	
e	b		a	c	b	
c	a	c	a	e	b	
	b		a	e	b	
	a	c	b		a	c
	b		b		b	
	b		b		b	
	b		b		b	
c	b		a	c	b	
	a	c	a	e	b	
	a	c	a	c	b	
	a	c	a	c	b	
c	b		b		b	
	a	c	a	d	b	
d	a	c	a	e	b	
	b		b		b	

	b		b		b	
	b		b		b	
	a	c	b		b	
	a	d	a	c	b	
	a	c	a	d	b	
	b		a	c	b	
	a	e	b		b	
	b		a	c	b	
	b		b		b	
	a	c	b		b	
	b		b		b	
	b		a	e	b	
	b		b		b	
e	a	c	a	e	b	
	a	d	a	e	b	
	b		b		b	
	a	c	b		b	
c	a	c	a	d	a	d
	b		b		b	
d	a	d	a	d	a	d
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
	b		b		b	
c	a	c	b		b	
	b		b		b	
e	a	e	a	d	a	c
	b		b		b	
	b		a	e	b	
c	a	e	b		b	
	b		a	e	b	
	a	e	b		b	
e	b		a	e	b	
e	b		a	e	b	
	a	c	a	e	b	
e	b		b		b	
	b		a	e	b	
	a	e	a	e	b	
d	b		a	e	b	
	a	e	a	e	b	
	b		a	e	b	
	b		b		b	
	b		a	e	b	
	a	c	b		b	
	b		a	e	b	
	b		b		b	
e	b		b		b	
	b		b		b	
	b		a	c	b	
	b		b		b	
e	b		a	c	b	
	b		b		b	

	b		b		b
	b		a	c	b
c	a	c	b		b
	b		b		b
	b		b		b

r16	r17	r18	r19	r20	r21	r22
d	c	c	c	c	c	c
a	a	a	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	d	a	a	a	d
d	b	b	b	d	d	a
	d	c	d	c	c	c
	b	d	b	b	b	b
	d	d	d	d	d	d
	a	a	a	a	a	a
	d	d	d	d	d	d
	a	d	a	a	d	a
c	c	d	d	d	d	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	b	b	b	d	a
b	b	b	a	a	d	b
b	d	b	b	b	d	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	d	b	d	d	d	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
d	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	c	c	c
c	c	b	b	a	c	a
a	a	d	d	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
c	c	c	c	c	c	c
c	c	c	a	a	c	a
c	c	c	c	c	c	c
a	a	a	a	a	a	a
c	c	c	c	c	c	c
c	c	c	c	c	c	c
c	c	c	c	c	c	c
c	a	c	a	a	c	a
a	b	b	b	b	b	b
a	b	a	a	a	a	a
c	a	a	a	c	b	b
	a	a	a	a	a	a
	a	a	a	a	a	a
c	a	a	a	a	a	a
c	c	c	c	c	c	c
a	a	b	a	a	a	a
a	a	a	a	a	b	a
a	a	a	a	a	a	a
a	a	a	a	b	b	a
c	b	c	b	b	b	b

c	c	c	c	c	c	c
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	d	b	b	b	d
c	c	c	c	c	c	c
d	d	d	d	d	d	d
d	d	d	d	c	d	d
c	c	c	c	c	c	c
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	d	d	d	d	d	d
a	d	d	d	d	d	d
a	c	c	c	d	c	c
a	a	a	a	a	a	a
c	c	c	c	c	c	c
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	d	b	d	a	d	b
c	c	c	a	c	d	d
b	b	b	b	b	b	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	d	d	d	d	d	d
d	a	d	d	d	d	d
a	a	d	a	a	a	d
b	b	b	b	d	b	b
b	b	b	b	b	b	b
d	a	a	d	d	d	d
a	d	d	d	d	d	d
b	b	b	b	b	b	b
b	b	b	b	d	b	b
b	b	b	b	b	b	b
a	a	a	a	a	b	d
d	a	b	a	a	d	d
a	a	d	a	a	d	d
c	d	d	b	c	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	c	a	a	c	d
a	a	a	a	a	a	a
a	a	d	a	a	a	a
d	d	d	d	c	d	b
d	c	c	a	c	d	c
d	a	d	b	b	d	d
b	b	b	d	a	d	b
b	b	b	d	b	b	b
d	c	c	c	c	c	c

a	a	d	b	b	b	b
a	a	a	d	b	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	b	a	b	a	b
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	b	d	d	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	a	b	b	b	a	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	c	c	c	c	c	c
b	a	b	b	b	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	a	a	b	a	b	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
c	c	c	c	c	c	c
c	d	d	d	d	d	d
d	d	d	d	d	d	d
c	d	d	d	d	d	d
b	b	b	b	b	b	b
a	d	d	a	a	d	d
b	a	a	a	a	a	a
a	a	a	a	a	a	a
a	d	d	d	d	d	d
b	b	b	b	b	b	b
c	c	c	c	c	c	c
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	b	b
a	a	a	a	a	a	a
a	a	d	a	a	a	a
b	b	b	a	a	b	b
b	b	b	b	b	b	b
b	b	d	b	a	d	d
b	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
b	b	b	b	b	b	b
d	d	d	d	d	d	d

b	b	b	b	b	b	b
c	c	c	c	c	c	c
b	b	b	b	b	b	b
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	b	a	b	b
a	a	a	a	a	a	a
c	c	c	c	c	d	c
a	a	a	a	a	a	a
a	a	a	a	a	a	a
c	a	c	c	c	c	c
c	b	d	b	a	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	a	a	a	a	a	a
b	c	d	a	a	c	d
a	a	d	a	a	a	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	b	a	b
c	c	c	c	c	c	c
a	a	a	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
d	a	a	a	a	a	a
d	d	d	d	d	d	d
b	d	d	d	a	d	b
a	b	c	a	a	c	a
a	a	a	a	a	a	a
b	a	b	b	b	a	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
c	a	d	a	a	a	a

a	a	d	a	a	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	d	d	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	b	b	b	b
b	b	b	b	b	b	b

a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	b	d	a	a	b	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
d	b	b	b	b	b	b
d	d	d	d	d	d	d
b	b	b	b	b	b	b
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	a	a	a	a	a
c	c	c	c	c	c	c
d	d	d	d	d	d	d
b	b	d	b	b	b	b

b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	b	b	d
d	d	d	d	d	d	d
b	a	a	a	a	a	a
a	a	b	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b
c	c	c	c	c	c	c
d	a	a	a	d	a	a
a	a	a	a	a	a	a
a	a	a	a	d	a	d
a	b	d	a	b	d	b
a	a	a	a	a	a	a
d	d	d	d	d	d	d
c	c	d	d	b	d	b
b	b	b	b	b	b	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
c	c	c	c	c	c	c
b	b	b	b	b	b	b
a	b	a	a	b	a	b
	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	b	a	a	a	a	a
b	a	b	a	a	b	a
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	d	d	a	d	d
d	d	d	d	d	d	d
e	e	e	e	e	e	e
a	a	a	b	b	b	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	b	b	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	d	b
a	a	a	a	a	a	a
a	b	b	b	b	b	b
a	d	d	d	a	b	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d

d	a	a	a	a	a	a
b	d	b	b	a	b	d
a	a	c	a	a	c	a
a	a	d	a	a	b	a
a	a	b	a	a	b	a
d	a	d	d	a	d	a
b	b	b	b	b	b	b
a	a	c	a	a	c	a
b	b	d	b	b	b	b
b	b	a	a	a	b	b
a	b	b	a	a	b	b
a	d	d	d	d	d	d
c	c	c	c	c	c	c
a	a	a	a	a	a	a
a	b	a	a	b	b	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	d
a	a	a	a	a	a	a
a	d	d	a	d	d	d
d	d	d	d	d	d	d
b	b	c	b	b	b	c
a	a	b	a	a	a	d
a	a	d	a	a	a	a
a	a	b	b	b	b	b
b	b	d	b	a	d	a
a	a	a	a	a	a	a
c	c	c	c	c	c	c
d	d	d	d	d	d	d
c	c	b	b	b	b	b
b	b	b	b	b	d	b
b	a	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	b	b	a	b	b	b
a	d	a	d	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	b	b	b	d	b
b	b	b	b	b	d	b
a	b	a	a	a	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	a	a	a	b	a	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	a	b	b	d	b	b
a	a	a	b	a	a	a
d		d	d	d	d	d
		b		b		
b		d	d	a	b	b
d		a	a	a	a	a
a		a	a	a	d	a
d		a	a	a	d	d

d	d	d	d	d	d	d
a	a	a	a	a	a	a
b	d	b	a	b	d	b
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	d	b	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	d	a	a	a	d
c	c	c	c	c	c	c
a	a	a	a	a	a	a
a	a	d	a	b	d	d
a	a	a	a	a	a	a
a	a	d	b	a	d	d
d	d	b	b	d	d	d
b	b	b	b	b	b	b
a	a	a	a	b	b	b
a	a	a	a	a	a	a
b	d	d	a	a	a	d
a	a	d	a	a	a	a
a	a	d	a	a	a	a
a	a	a	a	a	a	a
c	a	c	a	a	c	d
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	c	a	a	c	c
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a		a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	b	d	b	a	a	d
b	b	b	b	b	b	b
b	b	b	b	b	b	b
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
c	b	d	d	a	d	d
a	b	b	a	a	a	b
b	b	b	a	b	b	b
a	a	d	d	d	d	d
a	b	d		b	d	a
a		a	a	a	a	a
b	b		b	b	b	b
b	b	d	b	b	b	b
b	b	b	b	b	b	a
a	a	d	b	a	d	a
b	b	d	b	b	b	b
a	a	d	a	a	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	d	a	a	a	d
a	a	a	a	a	a	a
b	b	d	b	b	d	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d

d	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a

d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b

d	d	d	d	d	d	d
a	a	a	a	a	a	a
a						
d	d	d	d	b	d	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
d						
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
d						
d	d	b	b	d	b	b
b	b	b	b	b	b	b
d	d	d	d	d	d	d
c	c	c	c	c	c	c
a	b	a	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
c	b	b	d	d	b	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d
c	c	c	c	c	c	c

d	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	a	c	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
c	c	c	c	c	c	c
a	a	a	a	a	a	a
d	d	d	d	d	d	d
c	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
d	d	d	d	d	d	d
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	d	d	a	a	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	b	b	b	b	b	b
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
c	c	c	c	c	c	c
a	a	a	a	a	a	a
a	a	a	a	a	a	a
c	c	c	c	c	c	c
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	d	a	a	a	d
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
d	d	d	d	d	d	d

b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
	a	a	a	a	a	a
	a	a	a	a	a	a
	a	a	a	a	a	a
	c	c	a	a	c	a
	c	c	a	c	c	a
	b	d	b	b	b	b
	a	a	a	a	a	a
	b	b	b	b	b	b
	a	a	a	a	a	a
	c	c	a	a	c	c
	a	a	a	a	a	a
	a	a	a	a	a	a
	a	a	a	a	a	a
	d	d	d	d	d	d
	a	d	a	a	d	d
	a	a	a	a	a	a
	a	a	a	a	d	a
	a	d	d	b	b	d
	a	a	a	a	a	a
	d	d	d	d	d	d
	a	a	a	a	a	a
	b	b	b	a	b	a
	a	a	a	a	a	a
	b	b	b	b	b	b
	a	a	a	b	a	b
	d	a	a	a	a	a
	c	c	c	c	c	c
	a	b	b	a	b	b
	a	a	a	a	a	a
	b	b	b	b	b	b
	a	a	a	a	a	a
	b	b	b	b	b	b
	c	b	a	a	a	b
	a	a	a	a	a	a
	d	a	a	a	a	a
	b	b	b	b	b	b
	c	c	c	c	c	c
	b	d	a	a	a	a
	b	b	b	b	b	b
	d	a	d	a	b	a
	a	d	a	a	a	a
	d	d	d	a	a	a
a	a	a	a	a	a	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a

d	d	d	d	d	d	d
b	b	b	b	b	b	b
b	a	b	b	b	a	a
b	b	b	b	b	b	b
a	c	c	c	c	c	c
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	d	a	a	b	a
	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	a	a	a	a	a	a
b	b	b	b	b	b	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	b	b	b	b	b	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	b	b	b	b	b	b
c	d	d	c	c	c	c
a	a	d	d	a	d	d
c	d	c	c	c	c	c
b	d	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
c	d	d	b	b	d	d
d	d	d	d	d	d	d
d	d	d	d	c	c	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	b	b	b	b	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	d	a	a	d	a
a	a	a	a	a	a	a
a	a	a	d	d	d	d
a	a	a	d	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
c	c	c	c	c	c	c
a	a	a	a	a	a	a
c	c	c	c	c	c	c

c	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
c	c	c	c	c	c	c
a	a	b	b	b	b	b
a	a	a	a	a	a	a
d	d	d	d	d	d	d
c	d	d	d	d	d	d
a	a	d	a	c	a	a
b	a	a	a	c	d	a
a	a	a	a	a	a	a
c	c	c	c	c	c	c
a	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	c
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	b	a	a	c	a	a
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	b	a	b	b	b
a	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
b	d	d	b	d	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	a	a	a	a	a	a
b	b	b	b	b	b	b
d	d	d	d	d	d	d
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
c	c	c	c	c	c	c
a	d	d	a	a	a	a

a	a	a	a	a	a	a
a	d	d	d	a	a	a
d	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	d	a	d	a	a	a
a	a	d	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	a	a	a
a	a	a	a	a	a	a
c	a	a	a	a	a	a
a	a	a	a	a	a	a
d	b	b	b	b	b	b
d	d	d	d	d	d	d
a	b	b	a	a	a	a
c	c	c	c	c	c	c
a	d	d	d	d	d	d
d	a	a	a	a	a	a
a	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	d	d	d	d	d	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	d	d	d	d	d	d
c	c	c	c	c	c	c
d	d	d	d	d	d	d
a	a	a	a	a	a	a
b	b	b	b	b	b	b
c	d	d	d	d	d	d
d	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	c	c	c	c	c	c
c	b	b	b	b	b	b
c	c	a	a	a	a	a
a	a	a	a	a	a	a
b	c	c	c	c	c	c
a	a	a	a	a	a	a
c	a	a	a	a	a	a

b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	c	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	b	b	b	b	b
c	c	c	c	c	c	c
a	a	a	a	a	a	a
a	a	a	d	d	d	d
c	c	c	c	c	c	c
a	a	a	a	a	a	c
b	a	a	a	a	a	a
c	c	c	c	c	c	c
a	a	a	a	a	a	a
c	a	a	a	a	a	c
b	b	b	b	b	b	b
a	d	d	d	d	d	d
c	c	c	c	c	c	c
c	c	c	c	c	c	c
c	c	c	c	c	c	c
a	b	d	d	a	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	b	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
c	c	c	c	c	c	c
c	c	c	c	c	c	c
a	a	a	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
c	c	c	c	c	c	c
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	c	b	a
b	a	a	a	b	b	b

b	b	b	b	b	b	b
c	c	c	c	c	c	c
a	a	a	a	a	a	a
c	b	b	b	b	b	b
c	c	c	c	c	c	c
c	c	c	c	c	c	c
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	b	a	a	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
c	a	a	a	a	a	a
c	c	b	b	c	c	b
a	b	b	b	b	b	b
c	c	c	c	a	c	c
a	c	d	c	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	c	a	b	b	b
b	b	b	b	b	b	b
b	a	a	b	a	a	a
d	d	d	d	d	d	a
d	d	d	d	d	a	d
b	d	d	a	d	d	d
a	d	d	d	a	d	d
d	d	d	d	d	d	d
c	d	d	d	d	d	a
b	d	d	d	d	d	a
a	d	d	d	a	d	d
b	a	a	d	d	d	d
a	a	a	a	d	d	a
a	a	d	d	d	d	a
c	d	a	d	d	d	d
a	d	d	d	d	d	a
d	d	d	d	d	d	d
b	b	d	d	d	d	d
a	d	d	d	d	d	a
d	d	d	d	d	d	d
a	d	a	d	d	d	d
b	d	d	d	d	d	d
c	d	a	d	d	d	d
c	d	d	d	d	d	a
b	a	d	d	d	d	d
a	d	d	d	d	d	a
b	a	d	d	d	d	d
a	d	a	d	d	d	d
a	a	d	d	d	d	d
a	d	d	a	d	d	d
c	d	a	d	d	d	d
b	d	d	d	d	d	a
c	d	d	a	d	d	d
b	b	b	b	b	b	b
c	c	c	a	c	d	d
c	d	d	c	d	c	c
d	d	d	d	d	d	d

d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
c	c	c	c	c	c	c
d	d	d	d	d	d	d
c	c	d	d	d	d	d
b	b	b	b	b	b	b
c	c	c	c	c	c	c
a	a	a	a	a	a	a
d	c	c	c	c	c	c
a	a	a	a	a	a	a
b	b	b	b	a	b	b
a	a	a	a	a	a	a
c	a	c	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b
c	c	c	a	c	c	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	d	d	d	d	d	d
b	b	b	b	b	b	b
c	c	c	c	c	c	c
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
d	a	c	d	a	d	d
c	c	c	c	c	c	c
a	a	a	a	a	a	a
d	d	d	d	d	d	d
c	c	c	c	c	c	c
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	a	c	d	a	a	d
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
c	c	c	c	c	c	c
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	c	d	a	b	d
b	b	b	b	b	b	b
a	b	a	a	b	a	a
c	c	c	c	c	c	c
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	c	a	a	a	b
c	c	c	c	c	c	c

a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b
d	d	d	d	d	d	d
d	d	d	a	a	a	a
b	b	b	b	b	b	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	a	b	b	b	b	b
a	d	a	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
c	c	c	c	c	c	c
c	c	c	c	c	c	c
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	a	a	a	a	a	a
c	c	c	c	c	c	c
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	d	d	a	d	d	d
c	c	c	c	c	c	c
d	d	d	d	d	d	d
c	d	d	b	c	d	d
c	c	c	c	c	c	c
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a

a	a	a	a	a	a	a
a	d	d	d	a	d	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
b	b	b	b	b	b	b
c	c	c	d	a	a	d
a	d	d	d	c	d	d
d	d	d	d	d	d	d
c	a	b	c	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
b	b	b	b	b	b	b
a	d	d	d	d	d	d
a	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
b	d	b	b	b	d	b
d	d	d	d	d	d	d
a	a	d	d	a	d	d
b	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
b	b	b	b	b	b	b
d	d	d	d	d	d	d
a	b	d	d	b	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
b	b	c	b	c	c	d
a	a	a	a	a	a	a
a	b	c	a	b	b	c
b	b	b	a	d	d	b
b	b	d	d	b	d	d
b	b	d	d	d	d	d
b	b	d	b	c	b	d
d	d	d	d	d	d	d

d	d	d	d	d	d	d
b	d	a	c	c	b	b
d	b	b	b	d	b	b
b	a	c	d	a	b	d
b	d	d	c	b	b	b
d	d	d	d	d	d	d
b	b	d	d	b	d	d
c	d	d	c	d	d	d
a	b	d	d	a	d	d
b	b	d	b	b	b	b
d	d	d	d	d	d	d
d	d	d	d	d	d	d
d	d	d	d	d	d	d
c	c	c	d	c	c	d
a	a	a	a	a	a	a
d	d	d	d	c	d	d
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
d	d	d	d	d	d	d
a	a	a	a	a	a	a
a	a	a	a	a	a	a
b	b	b	b	b	b	b
a	a	a	a	a	a	a
a	a	a	a	a	a	a
d	d	d	d	d	d	d
b	b	b	b	b	b	b
a	a	a	a	a	a	a
d	d	d	d	d	d	d
a	a	a	a	a	a	a
	d	d	d	d	d	d
	b	b	b	b	b	b
	a	a	a	a	a	a
	b	b	b	b	b	b
	d	d	d	d	d	d
	b	b	b	b	b	b
	a	a	a	a	a	a
	d	d	d	d	d	d
	b	b	b	b	b	b
	b	b	b	b	b	b
	d	d	d	d	d	d
	b	b	b	b	b	b
	a	a	a	a	a	a
	b	b	b	b	b	b
	a	a	a	a	d	a
	b	b	d	d	d	d
	a	d	a	a	d	a
	d	d	d	d	d	d
	d	d	d	a	b	d
d	d	d	d	d	d	d
	c	d	d	d	d	d
	d	d	d	d	d	d
a	c	d	a	c	d	a
	a	d	a	a	d	d

	d	d	d	d	d	d
	a	a	a	c	d	d
b	b	d	d	c	d	d
d	d	d	d	d	a	d
a	a	d	a	a	a	a

r23	r24	r25	r26	r27	r28	r29
b	a	a	b	a	c	2
a	b	b	b	c	d	3
a	a	a	a	a	d	3
a	d	b	a	h	g	2
a	d	a	c	f	g	3
d	e	a	e	d	b	5
a	d	b	c	c	b	2
b	d	a	e	d	d	4
b	c	b	d	c	b	2
a	c	a	a	a	g	4
b	c	a	b	f	d	3
b	b	a	b	a	d	3
a	a	b	d	c	c	3
a	a	b	d	c	b	3
a	d	b	d	a	b	2
b	d	a	a	a	d	2
b	d	b	c	c	c	8
b	d	b	e	c	b	5
b	a	a	d	e	b	2
a	a	b	a	c	c	1
b	c	b	e	c	d	3
c	a	a	c	a	c	5
b	c	a	e	f	a	2
a	d	a	e	d	c	2
a	c	b	b	a	d	2
a	c	b	b	c	b	3
a	a	a	c	e	c	2
c	d	a	b	e	c	3
a	c	b	a	c	c	4
c	a	a	e	a	b	3
c	a	a	b	b	g	2
a	a	a	e	d	c	2
a	a	a	b	a	c	1
c	b	b	b	a	b	2
a	a	a	a	a	e	3
a	a	b	d	c	d	3
c	b	a	a	a	c	2
c	a	a	b	a	c	2
c	c	a	d	a	c	2
c	d	b	a	c	g	2
c	d	a	a	d	d	2
a	c	b	b	c	c	1
c	c	a	b	b	g	2
a	a	b	b	a	c	2
c	d	a	b	a	c	2
b	b	a	a	a	a	2
b	a	a	e	d	c	2
b	a	b	b	a	b	1
a	b	b	e	c	b	3
c	a	b	e	c	c	3
a	a	b	d	c	b	2
a	b	a	b	a	c	2
b	b	a	a	a	d	3
b	a	b	c	c	d	2
b	a	b	e	d	b	3

a	b	b	d	c	b	2
a	d	a	e	e	c	3
b	c	b	b	a	c	2
b	a	a	c	a	c	2
c	f	b	e	c	c	4
a	d	a	d	e	b	1
b	c	a	b	a	c	2
b	c	b	a	c	d	2
a	c	a	c	e	d	2
b	d	b	e	c	b	2
a	a	b	d	f	b	4
b	a	a	e	e	d	3
b	b	b	d	a	c	5
a	d	a	e	d	a	2
c	d	b	b	c	d	2
a	e	a	b	e	c	2
a	b	b	a	c	b	1
b	c	a	c	c	c	2
c	d	a	e	d	e	2
b	a	b	c	a	e	3
b	c	b	c	a	c	1
b	c	a	a	h	d	3
a	c	a	a	h	c	3
b	c	b	a	a	d	2
a	c	b	a	c	c	2
a	d	b	b	c	c	2
c	c	a	a	a	d	2
c	a	b	a	e	c	1
c	c	b	a	h	g	3
a	a	a	d	a	b	2
a	d	b	e	c	b	2
c	a	b	d	b	g	2
a	a	a	b	a	d	2
b	d	b	d	f	d	3
b	b	a	a	a	g	3
a	b	b	d	c	c	3
b	a	a	a	a	d	3
c	c	b	c	c	c	3
a	a	b	d	c	g	3
a	b	b	c	a	c	4
a	c	b	d	c	b	5
b	c	a	c	a	c	3
a	c	b	e	c	c	7
c	c	b	c	e	g	4
c	d	b	e	h	d	5
a	d	a	d	e	b	4
c	d	a	a	a	d	5
c	c	b	a	h	d	9
c	c	a	b	a	c	3
a	a	a	b	a	c	6
c	a	b	a	c	b	3
c	c	a	a	h	g	5
c	c	b	a	c	g	4
c	d	a	e	e	g	5
c	d	b	c	c	b	5
c	e	b	a	c	g	4

c	b	b	b	c	g	6
c	c	a	a	b	h	6
c	d	b	e	c	b	4
a	d	a	e	d	c	5
a	e	b	d	c	b	3
a	d	b	c	c	c	2
a	e	a	a	h	e	4
a	e	b	e	c	b	3
c	c	a	c	a	f	8
a	c	b	d	c	b	3
b	c	a	d	d	c	4
b	c	b	b	a	c	5
a	a	a	e	b	d	3
b	a	a	a	h	d	5
c	c	a	b	a	c	4
b	a	b	d	a	f	4
a	d	a	b	b	f	2
c	a	a	c	c	d	2
c	d	b	i	i	b	2
a	c	a	a	a	d	2
a	c	b	b	c	c	4
a	d	a	a	i	d	2
a	f	a	a	i	g	4
b	c	b	a	a	g	5
a	a	a	c	a	c	4
b	c	a	b	a	b	4
a	c	a	b	a	c	5
c	c	a	c	a	d	9
b	a	b	a	a	d	6
c	c	a	a	h	g	6
c	d	a	b	a	g	7
a	a	a	c	a	c	5
b	e	a	b	a	c	5
a	a	a	c	a	d	3
a	c	a	c	a	d	4
c	c	b	a	a	g	5
b	a	a	c	a	g	3
c	c	b	d	d	g	6
b	a	b	b	e	g	9
c	b	a	a	h	g	8
a	d	a	d	a	c	3
a	d	a	e	a	b	1
b	a	b	e	c	b	2
b	b	a	a	h	b	3
a	a	a	c	a	c	4
b	b	b	a	h	g	3
b	a	b	a	a	b	5
b	d	a	c	e	d	4
a	d	b	b	a	e	2
a	d	a	a	a	d	4
c	d	b	d	c	c	3
b	c	a	c	a	d	2
b	d	b	a	c	d	2
a	c	b	c	c	b	2
a	d	b	b	a	d	3
b	f	a	a	a	d	2

b	f	b	c	a	e	2
b	d	a	a	a	c	2
b	d	a	b	i	b	2
b	d	a	b	a	c	2
b	c	d	b	c	c	2
c		b	a	a	d	2
b	c	b	a	i	a	2
c	a	a	e	d	c	2
a	a	b	d	e	b	4
a	a	b	e	c	b	2
b	d	a	d	e	c	4
a	c	b	a	c	d	2
a	a	b	e	c	a	2
a	d	a	a	a	g	1
b	a	a	c	a	g	3
a	d	b	c	c	b	2
b	a	a	e	d	b	3
a	a	a	b	a	c	2
b	c	b	b	c	c	2
a	a	b	a	c	d	2
a	a	a	a	a	c	2
c	a	b	c	c	c	2
c	d	b	c	c	c	2
c	f	b	c	c	c	3
a	d	a	b	a	b	2
a	c	a	a	c	b	2
c	c	a	b	b	f	2
a	c	b	a	d	d	3
a	c	a	a	h		2
a	c	a	c	b	d	2
c	c	b	c	c	d	3
a		a	b	e	b	1
b		a	a	c	e	2
b	c	b	a	c	c	4
a	c	b	a	c	g	2
c	c	a	a	a	c	7
a	a	b	c	i	c	4
a	a	a	e	d	b	5
b	c	a	e	b	b	6
a	a	a	a	a	d	5
a	a	b	a	h	d	5
a	a	b	e	c	b	6
b	c	b	a	i	g	5
b	c	a	d	a	b	5
a	a	b	e	c	b	4
a	a	b	b	c	c	5
c	c	b	a	c	g	6
a	a	b	c	a	b	5
a	a	b	d	a	e	3
a	b	a	a	a	g	2
a	a	b	a	c	d	2
c	a	b	b	c	c	1
a	a	b	d	c	b	3
a	a	b	c	c	b	2
a	b	a	c	b	d	3
a	d	b	c	c	c	2

c	b	b	c	c	c	4
a	f	a	e	d	c	3
a	a	b	b	c	b	2
a	d	a	e	d	b	2
c	d	b	d	c	b	2
c	c	b	b	e	f	3
b	d	a	e	e	d	3
c	c	b	e	c	c	2
c	d	b	b	c	b	2
c	c	a	a	i	c	2
c	c	a	a	e	c	2
c	c	b	b	a	d	2
a	f	b	b	c	d	1
a	c	a	e	i	a	2
c	c	a	b	e	b	1
b	d	b	a	h	c	3
a	d	b	c	e	d	1
a	c	a	b	c	c	2
b	c	a	b	i	e	2
a	c	b	b	c	c	2
b	c	a	a	e	d	3
b	c	b	b	c	d	3
c	c	a	b	a	d	1
c	c	a	e	b	d	1
b	c	b	c	a	b	3
a	c	a	b	a	d	6
a	c	b	d	a	c	3
a	a	a	e	d	b	4
b	c	a	b	i	c	2
a	a	b	b	c	d	4
b	c	b	d	c	b	2
c	c	a	a	e	c	2
		a	a	h	d	2
c	d	b	a	a	d	1
b	e	b	b	b	g	2
b	e	b	i	i	b	2
c	d	b	d	c	c	2
b	f	b	b	c	e	2
a	c	a	a	a	c	5
a	a	b	e	c	b	5
c	a	b	a	a	d	6
a	c	b	a	c	c	3
a	a	b	c	c	d	3
a	a	a	b	a	d	3
c	b	b	a	c	d	4
a	d	b	e	c	b	6
a	d	b	c	c	c	3
a	d	a	a	a	c	1
c	c	b	b	c	c	3
a	d	b	a	c	c	1
a	d	b	a	c	c	3
c	c	b	d	c	c	3
a	c	b	e	c	a	3
b	a	a	a	a	d	1
b	b	a	b	a	c	1
b	d	b	b	c	d	1

a	d	a	b	a	b	2
b	d	b	b	d	d	1
c	d	a	b	a	h	2
b	d	b	c	c	d	3
a	b	b	b	c	d	2
b	a	b	d	c	b	1
a	d	b	a	c	c	2
a	d	a	c	a	b	3
a	a	b	e	c	b	3
a	a	b	a	c	c	1
b	d	a	c	a	b	2
a	a	b	e	c	c	4
b	d	a	e	d	a	3
c	a	a	b	a	c	4
a	a	b	e	c	b	2
a	f	a	e	a	b	4
c	c	a	b	e	c	6
c	c	b	a	a	d	3
a	d	b	b	a	c	1
a	a	a	e	d	b	2
c	a	b	d	c	b	4
a	c	a	e	f	c	5
a	a	a	c	e	b	5
a	c	b	c	c	a	3
a	c	a	b	e	c	4
c	a	b	b	c	b	1
b	e	a	a	e	c	2
c	c	b	a	a	c	2
a	c	a	a	a	d	2
a	c	a	a	a	c	1
a	c	a	c	a	c	2
a	c	b	b	c	c	3
c	d	b	b	e	d	3
c	d	b	d	c	c	2
b	d	b	c	a	a	2
a	a	b	b	c	c	3
a	d	a	c	a	b	3
a	d	b	d	c	b	3
a	a	b	e	c	b	4
b	a	a	a	a	c	4
a	a	b	a	c	c	3
a	d	b	d	c	b	2
c	c	b	d	a	b	4
a	f	b	d	c	b	1
a	a	a	d	a	a	4
c	c	b	c	a	a	2
c	c	b	c	e	c	0
c		a	a	a	c	1
b	f	a	b	a	b	1
c	c	b	c	c	a	2
a	c	a	e	e	b	3
a	a	b	e	c	c	3
a	a	b	a	c	c	3
a	e	a	c	a	c	1
a	a	a	a	a	c	1
a	a	b	c	e	b	2

c	b	b	a	f	d	5
a	a	b	e	c	b	5
a	d	a	b		g	4
c	a	a	a	h	g	3
c	b	b	c	a	g	3
a	d	b	d	c	c	2
c	c	b	c	a	g	6
c	c	b	c	c	d	3
c	d	b	b	c	g	3
c	d	b	b	a	b	3
c	f	b	a	h	d	3
c	d	a	d	f	g	3
a	d	b	b	f	f	3
c	c	b	d	k	e	4
b	d	a	a	h	d	3
c	c	a	d	f	b	3
a	d	b	c	a	b	2
c	c	b	a	c	c	3
a	a	a	b	a	b	2
c	d	b	c	a	c	2
	f	b	c	a	b	2
c	b	a	a	h	d	4
c	d	a	c	e	c	2
a	c	b	c	f	d	3
c	c	b	b	c	c	1
c	a	a	b	f	d	6
c	a	b	a	a	c	1
a	b	a	b	f	c	2
c	c	b	e	c	b	3
a	b	a	a	e	e	2
a	d	a	d	e	b	4
c	c	a	a	h	d	3
a	b	b	c	f	b	2
c	d	a	c	f	g	3
a	c	b	a	a	d	2
c	a	b	b	a	c	2
a	c	a	a	h	e	3
c	d	b	b	c	e	3
c	c	b	b	c	f	4
a	b	a	b	f	f	3
c	b	a	d	a	g	4
a	d	a	c	a	c	5
a	d	b	b	a	d	3
c	d	a	d	f	g	3
a	d	a	c	f	c	2
c	c	a	c	f	e	2
b	e	b	c	c	d	3
a	d	a	a	a	c	2
c	c	b	b	c	d	5
c	b	a	b	a	e	0
	f	a	b	a	g	2
b	f	b	c	c	f	5
b	c	b	d	c	f	4
a	e	b	b	c	c	5
b	c	b	a	h	e	5
c	b	b	d	a	c	5

c	d	b	b	c	c	2
b	b	b	b	a	c	2
b	d	a	a	h	g	2
b	a	a	b	i	c	2
a	a	b	c	c	d	2
b	a	b	c	c	f	2
c	d	a	d	e	g	8
a	d	b	a	h	d	8
c	d	b	c	c	g	9
c	d	a	a	a	g	6
c	d	a	a	a	h	9
c	b	a	b	e	d	2
c	b	a	d	a	b	3
c	c	b	c	c	b	2
c	c	a	c	a	c	1
a		a	b	a	b	2
c	d	a	c	k	e	2
b	b	b	b	c	c	3
c	c	a	b	f	g	2
c	c	a	c	k	c	3
c	f	b	a	h	d	2
c	d	a	c	a	g	3
a	c	a	c	e	h	2
a	c	b	b	c	c	2
c	d	b	b	c	c	2
c	c	a	b	a	e	2
c	a	a	b	k	f	6
a	c	b	b	c	d	3
	f	a	a	k	c	4
b	e	b	b		e	5
a	d	b	c	c	b	4
b	b	a	b	a	d	4
b	f	b	a	a	d	3
a	d	b	c	c	b	1
a	c	b	a	a	c	2
c	d	b	a	i	d	1
		a	b	b	d	3
c	c	b	a	h	e	3
c	b	b	b	c	c	2
c	a	a	a	e	d	2
c	e	b	b	c	d	3
c	b	a	a	h	e	2
a	d	a	b	g	f	3
c	b	b	a	h	g	3
a	d	b	a	c	a	3
c	c	b	a	h	g	3
a	c	a	a	a	g	3
c	d	b	d	e	c	2
c	b	a	c	a	d	2
a	c	b	a	b	d	6
c	a	a	a	a	c	2
c	a	a	c	a	d	3
c	d	b	b	c	c	6
a	a	b	a	a	c	2
c	b	b	b	c	e	2
c	b	b	a	c	g	2

b	c	b	c	c	d	3
a	d	b	e	c	b	2
c	c	b	c	a	g	3
c	c	b	e	c	f	2
c	c	a	c	a	c	1
a	d	a	b	a	d	2
a	c	b	d	b	h	3
c	c	a	d	e	c	2
a	c	b	c	c	d	2
a	d	b	a	h	d	2
a	c	b	c	c	a	3
a	a	a	e	c	a	2
c	c	b	d	e	f	2
c	c	a	a	h	d	3
a	d	a	d	a	c	2
c	c	b	d	c	g	5
a	c	b	b	c	c	3
c	d	b	a	c	c	5
a	d	b	d	c	e	2
a	d	a	a	h	g	2
c	c	b	c	c	g	4
b	c	a	a	b	g	3
b	c	a	e	c	c	2
a	c	b	e	c	c	3
a	d	b	e	c	b	2
a	d	b	e	c	b	2
c	a	b	a	h	c	1
c	c	b	a	c	d	2
c	a	a	a	a	d	3
c	c	a	d	a	c	2
a	d	a	e	d	a	4
b	d	b	b	a	d	2
b	a	b	e	c	b	2
a	d	a	c	e	c	3
a	a	a	a	a	c	2
b	d	a	b	a	c	2
a	d	b	c	a	d	5
a	d	a	d	c	c	4
b	d	a	b	e	c	3
a	d	b	c	c	c	3
a	d	b	d	a	c	3
a	d	b	b	f	c	2
a	d	b	a	h	g	2
a	c	b	c	c	c	2
b	a	a	d	f	b	4
c	c	a	b	e	c	4
c	c	a	d	a	g	3
c	c	a	c	a	g	3
c	b	a	e	d	b	2
b	a	b	e	c	b	5
b	a	b	e	c	c	2
a	b	a	d	e	c	3
c	c	b	c	c	b	1
a	a	b	e	c	b	1
b	a	b	e	d	g	6
a	c	a	d	a	c	4

a	d	a	c	e	d	1
b	b	b	b	c	d	2
a	c	a	b	a	c	1
a	a	b	c	c	b	2
b	b	b	b	c	c	2
a	a	b	b	a	d	3
a	c	a	a	a	d	2
a	a	b	c	c	c	3
c	a	b	d	a	d	2
b	c	a	a	b	g	3
a	a	b	c	c	b	2
c	d	b	e	c	c	3
b	c	b	d	c	b	2
a	d	a	c	e	c	2
c	a	b	a	c	c	2
a	a	a	d	e	b	3
c	e	b	b	c	c	2
b	b	a	a	i	f	3
a	d	a	e	g	b	4
a	b	a	a	h	d	3
c	c	b	c	c	c	4
a	d	a	b	a	c	3
a	d	a	b	e	d	5
a	e	b	e	c	b	2
a	c	a	d	e	c	3
c	c	a	c	a	c	4
c	d	b	b	a	d	2
b	c	b	c	a	h	3
c	e	a	b	e	d	2
b	d	a	e	g	b	3
e	d	a	e	e	b	2
b	d	b	a	a	c	2
b	e	b	e	c	c	1
a	c	a	b	a	d	2
a	a	a	d	e	a	1
c	d	b	c	a	f	2
a	c	a	c	e	c	2
a	c	b	c	a	d	1
a	d	a	a	e	d	4
a	d	b	d	c	c	1
a	a	b	c	f	e	3
a	d	a	d	d	g	5
a	f	a	c	e	d	1
a	d	a	d	f	d	4
a	a	b	c	c	d	3
a	c	b	b	a	e	4
a	a	b	b	c	g	4
a	a	b	e	c	b	3
a	d	a	d	g	b	3
a	c	b	a	h	g	3
a	d	b	b	c	d	6
c	c	a	d	f	g	7
a	c	a	b	f	g	7
a	d	b	b	c	c	2
a	c	b	c	c	d	7
a	c	a	e	f	b	7

a	a	a	e	e	b	6
a	c	a	c	e	d	6
a	a	b	a	c	c	6
a	c	b	d	c	b	2
a	c	b	c	c	b	7
a	a	b	b	c	b	2
a	c	b	a	c	c	2
a	c	a	d	f	d	4
a	a	b	a	a	d	3
a	d	b	e	c	b	3
a	d	a	e	e	b	5
c	c	b	a	c	b	8
a	a	a	b	a	b	5
c	a	b	d	c	d	5
c	e	b	d	c	b	2
a	a	b	c	b	d	5
a	c	a	a	e	e	3
b	e	a	d	e	b	3
c	e	b	b	c	c	4
c	e	a	d	e	b	2
a	d	b	e	d	e	5
c	c	b	b	b	g	9
c	b	a	a	h	d	6
c	f	a	b	f	d	7
a	a	b	b	a	a	1
a	e	b	b	a	b	1
a	c	a	b	a	c	5
c	c	b	c	c	d	3
b	a	b	a	c	b	2
c	e	b	c	c	b	2
a	d	b	b	c	c	2
b	b	b	b	a	c	3
a	c	b	b	a	c	2
b	e	a	c	i	d	3
c	c	a	c	c	c	5
c	d	a	c	a	b	3
c	b	b	b	a	c	4
b	c	b	b	c	c	3
c	c	b	b	a	d	3
a	d	b	c	c	d	3
a	c	a	c	b	f	4
a	a	a	c	a	c	3
a	d	a	c	a	g	3
a	a	b	d	c	c	3
c	d	b	d	c	c	4
c	c	b	a	a	d	3
a	e	b	c	c	b	2
a	c	b	a	c	c	3
a	d	a	b	b	g	4
c	e	b	c	c	b	2
a	e	a	a	h	d	5
c	b	b	c	c	d	2
b	b	a	d	d	g	5
c	c	a	a	h	g	6
a	c	b	c	e	d	7
c	c	a	a	h	g	6

a	c	a	b	e	g	8
b	a	a	a	a	g	1
c	b	b	d	e	g	7
a	a	b	e	c	b	7
b	c	b	a	h	g	7
c	c	b	b	c	h	4
b	a	a	e	d	d	2
c	c	a	a	h	d	9
c	c	b	b	a	g	3
b	c	a	a	h	d	3
c	d	a	e	d	g	4
c		b	e	c	c	3
c	a	a	e	d	c	3
b	d	a	d	d	c	2
b	c	a	a	i	c	2
b	a	a	a	h	g	2
a	c	a	b	b	c	2
a	d	b	d	c	c	2
b	c	b	b	c	c	3
b	c	b	b	c	d	7
b	c	a	a	a	g	3
c	f	b	c	c	c	4
c	d	b	c	c	c	3
c	c	a	b	a	c	6
a	d	b	b	c	d	5
c	a	a	d	e	d	3
a	c	a	a	i	c	3
a	b	a	a	e	c	2
a	a	b	c	a	c	2
b	c	a	a	h	g	2
c	d	b	c	c	c	6
a	d	a	a	h	c	3
a	a	b	e	c	b	4
b	a	a	b	a	c	5
a	a	b	d	c	b	4
c	b	b	e	c	b	1
a	a	a	b	a	d	2
c	d	a	d	a	g	5
b	a	b	d	c	d	5
a	d	b	a	c	c	3
d	b	a	c	a	c	2
a	c	b	e	c	b	1
a	a	a	e	b	b	2
c	c	b	c	c	b	4
a	a	b	a	c	c	2
a	b	b	c	c	c	2
b	c	a	d	j	b	4
a	c	a	e	a	b	7
b	d	a	a	h	g	3
a	c	b	b	c	b	2
a	c	b	b	c	c	3
a	c	b	c	a	f	4
a	b	a	b	a	c	3
b	c	b	b	c	g	2
d	a	b	e	c	a	3
d	a	b	d	c	b	5

d	d	a	d	g	b	5
a	d	b	c	c	a	3
a	c	a	a	h	g	1
a	e	b	b	c	d	2
a	a	a	d	d	c	2
b	c	a	c	a	d	3
a	c	b	c	f	f	3
c	a	b	e	c	b	4
b	d	a	e	f	g	5
a	c	b	c	c	c	4
a	a	b	c	c	b	5
c	d	b	a	c	d	4
a	d	a	b	e	b	3
d	c	b	c	c	f	6
a	c	a	a	a	c	2
c	a	b	d	e	b	2
c	c	b	d	c	d	2
c	c	a	b	e	b	3
c	c	a	a	i	c	2
c	c	b	e	c	c	3
c	c	a	e	e	d	4
a	d	b	a	c	c	1
c	d	a	b	a	c	2
c	a	a	a	d	d	2
c	c	b	b	c	c	2
c	c	b	c	c	c	3
c	c	a	d	d	c	2
c	a	a	b	a	d	2
c	c	b	e	e	b	2
c	a	a	a	i	d	1
c	c	a	b	a	b	2
b	c	b	b	e	c	4
a	a	a	d	a	d	2
c	c	a	d	d	c	5
c	c	a	d	d	b	3
c	c	b	e	c	c	2
a	a	b	b	a	c	2
c	c	a	c	e	g	2
a	a	a	d	c	d	3
c	c	b	a	c	c	2
c	a	b	c	c	c	4
c	d	b	a	c	d	4
c	c	b	b	c	c	2
a	c	a	e	d	b	2
c	c	b	b	c	d	4
b	a	b	a	c	c	3
a	a	b	d	c	b	3
a	c	b	a	c	c	3
a	a	a	d	a	d	4
a	f	a	a	b	d	4
a	a	a	e	d	b	3
a	c	b	d	c	c	2
a	d	b	b	c	c	2
a	a	a	a	f	c	3
a	d	a	e	a	a	2
a	c	b	c	c	f	5

a	a	a	e	d	c	3
a	a	b	a	c	d	2
a	c	b	c	c	c	3
a	d	a	c	a	d	4
a	f	a	d	e	b	3
a	c	b	c	a	c	5
a	c	a	b	a	e	2
a	f	a	d	d	b	5
a	a	a	a	e	d	3
c	c	b	d	a	e	2
a	c	b	c	c	f	3
a	d	b	d	c	b	4
a	c	a	c	f	c	7
c	c	a	c	d	d	2
a	c	b	c	c	c	4
a	c	b	a	c	c	2
a	c	a	a	a	g	3
a	d	b	a	c	c	2
b	d	b	c	c	b	2
b	d	b	a	c	d	2
c	c	b	d	c	c	2
a	d	b	b	c	e	2
a	d	a	a	h	f	4
a	d	a	b	a	d	2
a	c	a	e	e	c	2
b	c	b	c	c	d	2
a	b	a	e	d	d	2
c	d	a	e	a	b	2
b	e	b	c	e	c	3
c	a	a	e	d	b	2
b	c	b	b	c	c	2
b	c	a	a	h	d	2
b	c	b	c	c	c	2
b	c	a	c	e	b	2
a	d	b	a	c	c	3
b	b	b	b	c	d	3
e	a	a	d	e	d	8
a	d	b	c	c	b	2
b	c	a	c	e	g	1
c	d	b	d	c	b	2
a	c	a	c	a	d	2
a	a	b	e	c	b	2
a	c	b	b	c	c	2
c	c	a	a	a	d	2
c	a	b	a	c	c	0
b	e	a	a	i	b	2
a	a	b	e	c	b	2
a	b	a	d	a	g	4
c	a	a	a	a	c	3
a	a	a	d	a	b	2
c	d	a	d	d	c	2
a	a	b	d	c	g	4
c	a	b	e	c	d	2
d	c	b	b	c	c	5
a	c	a	d	d	e	4
c	a	b	a	d	c	2

a	d	b	c	a	b	2
a	b	a	a	h	b	2
a	a	a	a	a	d	2
c	a	a	a	h	c	3
c	a	b	c	c	d	3
a	a	b	e	c	b	2
a	a	b	b	c	c	2
c	c	a	d	d	b	1
c	a	a	d	a	e	3
c	d	a	b	a	c	3
c	a	b	b	c	c	2
b	b	a	a	g	b	3
c	a	b	d	c	b	2
a	b	b	e	c	c	2
b	a	a	c	a	d	2
b	b	a	d	d	c	3
a	a	b	a	a	c	2
b	b	a	a	h	g	1
c	a	b	a	a	d	3
c	a	b	a	b	b	3
a	a	a	b	c	c	2
c	f	b	a	b	g	2
c	c	a	a	h	d	2
a	c	b	a	c	d	1
b	c	a	e	c	c	2
c	d	a	a	g	b	2
c	c	b	b	c	d	3
a	d	a	d	e	g	4
a	c	b	e	c	b	2
c	c	a	b	a	g	3
a	d	a	a	e	d	2
b	d	a	d	d	g	2
c	c	a	e	d	g	5
a	c	a	d	e	g	3
c	c	b	e	c	a	1
a	d	a	b	a	c	2
c	c	b	d	c	c	4
a	c	a	a	a	c	1
c	c	b	e	d	d	5
c	c	a	c	a	b	3
a	c	b	a	c	c	3
c	c	a	b	a	d	2
c	c	b	c	b	d	3
c	c	b	c	c	b	2
a	c	b	a	c	c	2
c	c	a	b	a	g	2
c	c	b	a	c	d	4
c	c	b	b	c	d	2
a	c	b	b	c	d	2
c	d	a	b	b	g	2
c	c	a	b	a	d	2
a	b	a	a	a	c	3
a	a	a	e	a	b	4
c	d	a	d	b	g	4
a	c	a	a	h	d	5
b	b	b	d	c	b	3

a	a	a	a	h	d	2
a	a	a	c	a	c	2
b	a	a	a	b	g	2
b	d	b	d	c	b	2
c	d	b	c	c	c	2
a	b	a	c	a	b	5
a	b	b	d	c	e	4
c	d	a	c	b	g	4
b	d	a	a	a	d	2
a	b	a	a	h	c	3
a	a	b	c	c	d	3
c	a	b	c	c	c	2
c	b	b	e	c	c	6
a	b	a	a	a	c	4
b	b	b	d	c	d	3
c	c	a	a	h	c	3
a	b	a	a	h	e	4
a	b	a	d	a	d	2
a	c	a	c	b	c	4
b	a	b	c	c	c	2
a	b	b	c	c	c	2
a	a	a	c	a	c	3
c	d	b	c	a	d	2
c	c	a	b	a	e	2
a	d	b	a	h	g	2
b	b	a	a	a	e	3
a	a	b	c	c	d	4
b	d	a	c	e	d	5
b	a	a	c	a	d	2
a	a	a	c	e	b	4
a	a	b	b	c	c	3
c	c	b	e	c	g	3
a	a	a	d	d	d	5
a	a	b	c	c	b	4
a	d	b	c	c	d	1
a	a	a	c	e	b	2
a	a	a	d	e	b	2
b	c	a	c	a	d	5
b	a	a	c	k	c	3
b	b	a	c	f	c	2
a	a	a	b	a	c	2
a	f	b	b	c	c	2
c	f	b	a	c	b	5
a	a	a	c	e	b	3
b	a	a	b	e	c	3
a	d	b	b	a	c	6
a	d	b	d	c	b	4
b	a	b	a	a	e	2
a	a	a	c	f	c	4
a	d	b	b	c	b	2
a	b	a	b	a	d	2
b	c	b	a	c	d	2
a	d	b	c	c	d	4
b	a	b	b	a	c	3
c	c	b	b	e	e	3
a	d	b	a	c	c	2

a	d	b	b	c	d	3
c	d	b	c	f	c	2
a	d	b	a	f	d	3
a	b	b	a	c	c	2
c	e	b	a	c	d	1
c	b	a	a	a	c	2
a	a	b	a	a	d	2
a	d	a	c	i	d	5
b	a	b	a	c	c	2
b	d	b	b	b	c	4
b	b	a	a	a	c	2
a	c	b	a	h	h	3
b	e	a	a	a	d	2
b	c	a	b	a	d	2
c	d	b	a	h	b	5
a	d	a	b	a	g	0
a	f	b	b	a	e	3
a	a	a	a	a	d	3
a	a	a	c	a	b	5
a	a	a	c	a	c	2
a	d	b	c	f	c	3
b	b	a	c	e	c	4
a	d	b	c	f	b	1
b	f	a	c	a	c	2
b	d	b	b	c	c	2
c	d	b	a	c	c	4
a	d	b	b	c	b	2
a	d	b	b	a	d	3
a	d	a	a	b	g	3
a	d	a	c	f	c	3
a	d	b	b	a	d	3
c	f	b	a	a	d	2
a	d	b	b	c	c	2
a	d	a	c	i	b	1
c	f	a	c	e	b	3
a	d	b	b	a	e	2
a	d	a	c	a	e	4
a	d	a	c	e	g	5
c	b	a	b	a	f	3
a	d	b	a	c	f	4
a	d	b	a	c	f	2
a	d	a	c	k	c	3
a	d	a	c	a	e	4
a	d	a	c	e	c	3
a	d	b	b	a	d	2
b	a	a	d	f	e	3
a	d	b	e	d	f	4
c	a	a	d	e	c	2
a	b	a	b	a	e	4
c	a	a	c	i	c	3
a	d	a	b	e	a	2
a	d	a	e	d	e	3
a	d	a	a	b	g	4
a	d	b	d	c	d	3
c	c	a	c	f	c	4
a	d	a	e	e	b	1

b	c	b	a	a	c	3
c	d	b	b	e	g	2
		b	c	c	c	2
c	c	a	b	a	c	3
c	d	a	b	a	d	2
a	f	b	c	c	g	4
b	b	b	a	c	c	1
c	d	b	a	c	b	2
c	d	b	d	a	c	1
c	d	a	d	i	a	1
a	f	a	a	c	a	3
c	d	b	a	a	g	0
c	d	a	a	a	d	2
b	d	a	b	a	c	2
c	d	b	a	a	d	2
c	d	b	c	c	c	3
a	f	a	d		b	2
c	d	a	a	i	b	2
c	d	a	c	a	b	3
c	c	b	c	c	d	1
c	f	a	e	d		2
c	d	b	c	d	d	2
b	f	b	a	c	c	3
c	f	a	b	c	d	1
c	d	b	e	c	i	2
c	c	b	b	c	c	2
a	d	a	b	a	c	1
c	d	a	a	a		1
c	b	b	a	a	c	2
c	e	b	a	c	b	1
c	c	b	d	c	g	2
c	f	a	c	a	d	2
b	f	a	a	a	f	2
c	d	b	a	a	d	3
c	d	a	c	e	c	2
c	f	b	d	c	a	2
c	a	a	a	g	c	3
b	a	b	e	i	c	2
c	c	a	b	e	b	2
c	d	a	c	g	c	2
c	b	b	d	c	b	1
a	d	b	a	i	c	2
c	b	a	a	i	c	5
f	f	a	d	i	c	5
c	c	b	e	i	b	4
c	d	a	e	i	b	4
b	c	b	a	c	c	6
b	b	a	d	d	b	4
b	d	b	b	c	d	3
c	d	b	b	a	c	4
b	a	b	d	c	c	5
a	d	b	b	c	d	3
a	f	a	a	e	c	2
c	f	b	a	c	c	2
a	d	b	b	c	c	4
a	d	b	c	c	b	3

a	d	b	d	c	b	3
b	d	b	c	c	b	5
b	a	b	c	c	b	3
a	d	b	c	c	e	5
c	d	b	c	c	d	6
c	c	b	a	i	d	4
a	b	b	c	c	c	6
c	f	b	b	c	d	2
a	d	b	c	c	b	3
b	a	a	d	a	c	2
b	b	a	a	a	d	3
a	d	a	b	a	c	5
a	d	a	e	d	a	2
a	d	b	e	c	c	3
a	d	b	b	c	c	3
a	f	b	a	a	d	4
a	d	a	a	a	d	3
c	d	b	c	f	b	3
c	e	b	d	c	b	1
c	d	b	a	c	b	4
c	c	a	a	a	c	2
c	d	b	d	e	d	3
c	a	a	b	e	b	4
a	d	a	a	g	c	5
a	d	a	c	e	c	4
a	d	b	b	c	b	3
b	c	a	d	e	b	5
a	a	a	b	a	b	5
b	d	a	a	a	c	4
c	c	a	c	a	b	5
c	b	b	a	c	c	7
c	c	b	c	c	c	5
c	a	b	e	c	b	4
c	c	a	c	g	c	3
b	b	a	d	g	e	4
c	e	a	e	d	b	3
c	c	b	c	f	d	7
b	a	b	b	b	d	5
b	b	b	e	d	c	4
c	c	b	c	a	e	5
c	a	a	a	a	c	1
b	d	b	a	h	d	5
b	d	a	d	d	b	0
a	d	b	b	c	c	4
a	a	b	d	c	c	2
a	b	b	a	c	c	2
a	c	a	a	a	b	1
a	c	b	a	c	c	1
c	c	b	a	c	c	1
c	c	b	b	c	g	3
c	a	a	b	a	c	4
a	a	b	e	c	b	4
c	a	a	a	h	f	2
c	a	a	b	c	d	4
a	c	b	c	a	c	7
c	a					0

c	a	a	e	d	b	2
a	a	b	e	c	b	4
c	c	b	d	c	a	4
a	d	b	c	c	c	2
a	a	a	b	a	d	5
a	a	a	a	c	c	3
c	a	a	d	a	b	3
c	c	a	a	a	d	3
a	a	b	a	h	c	2
c	d	b	b	c	c	3
a	d	b	e	c	b	1
c	c	a	a	c	c	3
c	c	a	a	b	b	3
b	a	a	d	e	c	4
c	c	a	e	c	d	5
c	c	b	b	a	c	2
c	c	b	b	c	c	3
c	d	b	d	e	b	2
c	a	a	b	i	c	1
b	c	a	b	a	a	1
a		b	c	c	a	2
b	f	a	a	a	c	3
b	f	a	a	a	d	2
b	c	a	a	c	c	2
b	f	a	c	e	d	2
b	d	b	a	a	b	4
c	d	b	d	c	d	3
c	a	b	a	a	a	1
c	f	a	a	a	c	1
c	d	a	b	a	c	2
						0
c	d	b	b	c	c	2
c	a	b	c	f	c	3
a	d	b	d	e	c	3
c	a	a	a	b	b	4
a	b	a	b	e	b	4
c	c	a	c	g	c	5
c	d	b	b	c	g	5
c	d	b	c	c	d	6
c	d	a	c	e	b	1
c	a	a	c	b	b	5
a	d	b	b	c	b	3
c	c	a	b	e	c	4
c	c	b	b	a	b	2
c	d	a	c	d	g	6
c	b	b	c	c	b	2
a	c	b	a	c	c	3
c	c	a	b	a	f	2
c	d	b	b	c	d	2
a	b	a	b	a	d	3
a	d	a	b	a	c	4
c	a	a	a	a	d	4
a	a	b	d	c	b	2
c	c	b	e	c	b	5
c	b	b	b	a	f	4
c	a	a	a	b	g	3

c	a	b	c	c	b	4
c	d	a	b	a	g	2
c	d	b	a	c	c	1
c	c	b	a	h	c	1
a	a	a	b	a	b	1

r30	r31	r32	r33	r34	r35	r36
1	1	1	1	0	5	0
1	1	1	1	0	8	0
1	1	1	1	1	7	0
1	1	1	1	1	8	2
1	2	1	1	1	12	1
1	2	1	1	2	10	0
1	1	1	1	0	7	0
1	1	1	1	0	5	0
1	1	1	1	1	6	0
1	2	1	1	1	15	1
1	1	1	1	1	5	0
1	1	1	1	1	10	1
1	1	1	1	1	9	1
1	1	1	1	1	5	0
1	1	1	1	0	5	0
1	1	1	1	2	4	1
1	1	1	1	1	11	2
1	2	1	1	1	6	1
0	1	1	1	1	3	0
1	1	1	1	0	3	0
1	1	1	1	0	6	0
1	1	1	1	0	8	1
1	2	1	1	2	12	1
1	2	1	1	1	7	0
1	1	1	1	0	9	2
1	1	1	1	0	5	0
0	1	1	1	1	5	0
1	1	1	1	0	6	1
0	1	1	1	0	6	0
0	1	1	1	0	6	0
1	1	1	1	1	8	1
1	1	1	1	0	6	0
0	1	0	0	0	2	0
0	1	0	1	0	4	0
1	2	1	1	1	10	3
2	2	2	1	1	9	0
1	1	0	1	0	4	1
0	1	1	1	0	4	0
0	1	1	1	1	6	1
1	1	1	1	1	8	0
1	1	1	1	1	4	0
0	1	0	1	0	2	1
1	1	1	1	1	6	1
1	1	1	1	1	7	0
1	1	1	1	0	3	0
0	1	0	0	0	1	0
1	2	1	1	1	8	0
1	1	1	1	0	7	9
1	1	1	1	0	4	0
1	2	1	1	1	12	1
1	1	1	1	1	4	2
1	1	1	1	0	6	0
1	1	1	1	0	8	1
1	1	1	1	1	10	1
1	1	1	1	0	7	1

1	1	1	1	1	6	0
1	2	2	1	1	9	1
0	1	0	0	0	2	0
1	1	1	1	1	9	1
1	1	1	1	1	4	0
0	1	0	1	1	8	1
1	1	1	1	1	8	2
1	2	2	1	2	15	2
1	1	1	1	0	0	0
1	1	1	1	0	5	0
0	2	1	1	1	7	1
1	2	2	1	1	8	1
1	1	1	1	1	6	0
0	1	0	0	0	2	0
1	1	1	0	1	3	0
1	1	1	1	0	2	0
0	1	1	1	0	6	0
1	1	1	1	0	5	0
1	2	1	1	1	6	0
1	2	2	1	1	12	1
0	1	1	1	0	5	0
1	1	1	0	1	15	1
1	2	2	1	2	18	1
1	1	1	1	2	12	2
1	1	1	1	1	8	1
1	1	1	1	0	10	0
1	1	1	1	1	7	1
1	1	1	1	0	4	0
1	1	1	1	1	9	1
0	1	1	1	1	3	0
0	1	1	1	0	5	0
1	1	1	1	0	6	0
1	2	1	1	0	9	1
1	1	1	1	1	10	1
1	1	1	1	1	12	1
1	1	1	1	1	9	1
1	1	1	1	1	7	1
1	1	1	1	1	13	1
1	1	1	1	1	8	1
1	0	0	0	0	0	0
1	1	1	1	0	2	0
2	1	1	1	1	0	1
2	2	1	1	1	9	1
1	1	1	1	1	12	2
2	1	1	1	0	6	0
2	1	1	1	2	6	2
1	1	1	1	0	6	1
1	3	1	1	1	13	1
2	1	1	1	0	8	0
1	1	1	1	1	7	0
1	1	1	1	1	6	0
2	2	2	1	1	8	2
1	1	1	1	1	5	0
2	1	1	1	1	7	1
2	1	1	1	2	8	1
2	1	1	1	1	6	0

1	1	1	1	1	19	1
2	2	2	1	2	8	2
0	1	1	1	1	7	0
0	1	1	1	0	8	0
0	1	1	1	1	3	0
1	1	1	1	1	12	1
1	2	1	1	1	15	1
0	1	1	1	0	5	0
1	1	1	1	1	11	1
0	1	1	1	0	3	0
0	1	1	1	0	6	0
1	1	1	1	0	8	0
0	0	0	1	0	3	0
1	1	1	1	1	10	0
0	1	1	1	0	8	1
1	1	1	1	0	7	1
1	1	1	1	0	6	1
1	2	1	1	1	1	2
0	1	1	1	0	4	0
1	3	2	1	2	0	0
0	2	1	1	1	8	1
0	2	1	1	1	10	1
0	2	2	1	3	12	3
0	1	1	1	0	7	0
0	1	1	1	0	4	0
0	1	1	1	1	8	1
1	1	1	1	1	7	1
1	1	1	1	1	20	1
1	1	1	1	1	8	1
1	1	1	1	1	10	1
1	1	1	1	1	12	1
1	1	1	1	1	8	1
1	1	1	1	1	8	1
0	1	1	1	1	8	0
1	1	1	1	1	6	0
1	1	1	1	1	12	1
0	1	1	1	0	4	0
1	1	1	1	1	10	1
1	1	1	1	1	15	1
1	1	1	1	1	15	1
1	1	1	1	1	8	1
0	1	1	1	0	3	0
1	1	1	1	0	7	0
0	1	1	1	0	6	1
1	1	1	1	1	6	1
1	1	1	1	1	17	1
1	1	1	1	1	10	1
1	1	1	1	1	12	1
1	1	1	1	0	6	0
1	2	1	1	2	8	1
1	1	1	1	0	6	0
0	2	2	1	2	12	3
0	1	1	1	1	9	1
0	2	1	1	1	3	0
1	2	1	1	1	8	2
1	2	1	1	2	10	0

1	2	2	1	3	8	2
0	2	1	1	1	8	1
1	2	2	1	1	9	1
1	2	1	1	2	10	3
1	2	1	1	1	8	1
0	1	1	1	0	4	0
1	2	1	1	2	6	2
0	3	2	1	2	9	3
1	1	1	1	1	6	1
0	1	0	1	0	3	0
1	2	1	1	1	6	0
0	1	1	1	1	3	0
1	1	0	1	0	7	0
0	1	1	1	0	7	1
1	1	1	1	1	9	1
0	1	1	1	0	5	0
1	1	1	1	0	6	0
0	1	1	1	1	4	0
0	1	1	1	1	8	0
1	1	1	1	0	4	0
1	1	1	1	1	6	0
1	1	1	0	6	0	1
1	2	1	1	2	8	1
0	1	1	1	2	10	0
1	1	1	1	1	4	0
1	2	1	1	1	8	0
0	2	2	1	2	12	1
0	2	1	1	2	8	2
0	2	1	1	1	4	1
1	1	1	1	1	12	1
1	2	1	1	1	8	1
1	1	1	1	0	4	0
1	1	1	1	2	4	0
1	2	1	1	2	8	3
0	1	1	1	2	6	0
1	1	1	1	0	9	1
0	1	1	1	1	7	0
1	1	1	1	0	6	0
1	1	1	1	1	9	1
1	1	1	1	0	0	0
1	1	1	1	1	8	1
0	1	1	1	1	10	1
0	1	1	1	0	8	1
1	1	1	1	0	6	1
0	1	1	1	0	5	0
0	1	1	1	0	7	1
0	1	1	1	1	8	1
1	1	1	1	0	5	0
1	2	1	1	1	8	1
1	1	1	1	1	8	1
1	1	1	1	1	9	0
0	1	0	1	0	2	0
0	0	0	0	0	0	0
0	1	1	1	0	2	0
1	1	1	1	1	9	1
0	1	1	1	1	5	0

1	1	1	1	1	5	1
0	1	1	1	1	8	0
1	1	1	1	0	7	0
1	1	1	1	0	7	0
0	1	1	1	0	8	0
1	1	1	1	2	9	0
0	2	1	1	3	12	2
0	1	1	1	2	6	2
0	1	1	1	0	3	0
1	1	1	1	0	7	1
0	2	1	1	1	7	0
0	1	1	1	1	7	0
0	1	1	1	1	7	1
0	1	1	1	0	3	1
0	1	1	2	1	6	0
0	1	1	1	1	10	0
1	1	1	1	1	2	0
0	1	1	1	1	1	1
1	1	1	1	1	8	1
0	1	1	1	1	6	1
1	1	1	1	1	12	1
1	1	1	1	1	14	1
0	1	1	1	0	5	0
0	1	1	1	0	3	0
0	1	1	1	0	4	0
1	1	1	1	1	10	1
1	1	1	1	1	8	1
1	1	1	1	0	6	0
0	1	1	1	1	6	0
0	1	1	1	1	6	0
0	0	0	1	0	2	0
1	1	1	1	0	6	0
0	1	1	1	0	6	1
0	1	1	1	1	6	0
0	2	1	1	1	4	1
0	1	1	1	1	4	1
1	1	1	1	0	4	0
0	1	1	1	2	8	1
1	1	1	1	0	8	1
1	1	1	1	1	7	1
1	1	1	1	0	9	0
0	1	1	1	0	4	0
0	1	1	1	0	4	0
1	1	1	1	1	4	0
1	1	1	1	1	6	1
1	1	1	1	1	8	1
1	1	1	1	1	6	1
1	1	1	1	0	3	0
1	1	1	1	0	4	0
1	1	1	1	0	4	0
2	1	1	1	0	0	0
1	1	1	1	1	5	0
1	1	1	0	0	4	0
0	1	1	1	0	5	0
0	1	1	1	0	4	0
1	1	1	1	1	6	0

0	1	1	1	0	4	0
0	1	1	1	0	4	0
1	1	1	1	1	8	1
1	1	1	1	1	18	1
1	1	1	1	1	7	1
0	1	1	1	0	4	0
0	1	1	1	1	4	1
0	1	1	1	0	4	0
0	1	1	1	0	6	0
0	1	0	1	0	1	0
1	1	1	1	0	5	1
1	1	1	1	0	5	0
1	1	0	1	0	3	0
1	1	0	1	0	4	0
1	1	0	1	0	2	0
2	1	1	1	1	4	1
2	1	1	1	1	7	1
1	1	1	1	0	6	0
1	0	0	0	0	0	0
0	1	0	1	0	4	0
0	1	1	1	0	5	0
0	1	1	1	1	6	0
5	1	1	1	1	18	1
0	0	0	1	1	4	0
0	1	1	1	0	6	0
0	1	0	1	0	2	0
0	0	0	0	0	0	0
0	1	1	1	0	6	0
0	2	1	1	1	4	1
1	1	1	1	1	7	1
1	2	1	1	1	9	0
1	2	1	1	0	4	1
0	2	1	1	2	8	1
0	2	1	1	1	8	0
0	2	1	1	2	11	1
1	1	1	1	0	8	1
1	1	1	1	1	6	0
0	1	1	1	0	6	0
1	1	1	1	1	6	0
0	1	1	1	0	6	0
0	1	1	1	0	4	0
2	1	1	1	0	5	0
2	1	1	1	1	5	0
0	1	1	1	1	3	0
0	2	2	1	1	8	0
0	2	1	1	0	5	0
1	1	1	1	0	0	0
0	1	1	1	0	6	0
0	1	1	1	0	2	1
1	1	1	1	1	4	1
2	2	2	1	1	5	0
0	1	1	1	0	4	0
0	1	1	1	0	6	0
0	1	1	1	1	6	0
0	1	1	1	0	2	0
1	1	1	1	1	8	0

0	1	1	1	1	7	0
0	1	1	1	0	3	0
1	1	1	1	1	8	1
0	3	1	1	2	20	1
0	3	1	1	0	23	1
0	2	1	1	0	6	0
1	2	2	1	2	10	1
0	2	1	1	2	14	2
0	3	1	1	2	17	2
0	1	1	2	0	6	1
0	2	2	1	3	15	2
1	4	3	1	3	30	3
1	3	2	1	2	20	2
0	4	4	1	2	30	2
1	3	2	1	2	20	2
0	1	0	1	0	4	0
1	1	1	1	0	3	0
0	1	1	1	0	4	0
0	1	1	1	1	3	0
0	1	1	1	0	4	0
0	1	1	1	0	4	0
1	1	1	1	0	8	1
1	1	1	1	0	5	0
1	2	2	1	2	6	2
0	1	1	1	0	3	0
1	2	2	1	3	12	2
0	1	1	1	0	2	0
1	1	1	1	1	6	0
0	1	1	1	0	3	0
1	1	1	1	2	11	1
1	2	2	1	2	10	1
1	1	1	1	1	5	1
0	1	0	1	0	2	0
1	2	1	1	1	10	1
1	2	1	1	1	5	0
1	1	1	1	1	10	1
1	2	1	1	2	14	1
1	2	1	1	2	12	2
1	2	1	1	2	11	2
1	2	1	1	2	13	2
0	3	1	1	3	18	3
0	1	1	1	1	6	0
0	1	1	1	0	5	0
0	2	1	1	3	10	1
0	1	1	1	1	6	1
1	3	2	1	1	10	1
1	2	1	1	1	10	1
1	1	1	1	0	5	0
0	1	1	1	1	6	1
1	2	1	1	2	10	1
1	1	1	1	1	10	1
1	1	1	1	1	8	0
1	1	1	1	1	8	0
1	1	1	1	1	9	1
0	1	1	1	1	7	3
1	1	1	1	0	9	1

0	1	1	1	1	5	1
0	1	1	1	1	8	1
0	1	1	1	2	5	1
0	1	1	1	1	10	1
0	1	1	1	2	12	2
0	1	1	1	0	6	0
1	5	1	1	2	40	2
0	5	0	0	3	0	0
1	5	1	1	3	25	3
1	4	1	1	5	30	4
1	6	1	1	3	25	4
1	1	1	1	4	10	2
1	2	0	1	4	4	0
0	1	0	1	0	3	0
1	2	0	2	1	8	0
0	2	0	1	0	3	0
0	2	1	1	1	9	1
1	2	1	1	1	13	1
0	2	1	1	1	8	1
1	2	1	1	1	7	1
1	2	1	1	1	10	2
0	2	1	1	1	10	1
0	1	1	1	1	8	2
0	2	1	1	1	8	1
0	1	1	1	1	10	2
0	2	1	1	1	12	1
1	1	1	1	1	10	1
0	1	1	1	1	7	0
1	1	1	1	1	6	1
1	2	1	1	1	9	1
1	2	2	1	2	11	1
1	1	1	1	1	7	1
0	1	1	1	1	4	0
0	1	1	1	0	9	0
1	1	1	1	0	8	0
1	1	1	1	1	4	0
1	2	1	0	0	0	0
0	1	1	1	0	5	0
0	1	1	1	1	10	0
1	1	1	1	2	6	3
0	1	1	1	0	8	0
1	1	1	1	2	8	1
1	2	1	1	1	10	1
1	1	1	1	1	8	1
0	1	1	1	0	5	0
0	1	1	1	1	8	2
0	1	1	1	2	12	2
0	1	1	1	1	6	1
0	1	1	1	2	7	3
1	2	2	1	2	12	4
0	1	1	1	2	8	1
0	1	1	1	1	9	1
0	1	1	1	1	10	1
0	1	1	1	1	10	2
0	1	1	1	2	8	1
0	1	1	1	1	6	2

1	1	1	1	2	5	1
0	1	1	1	0	5	0
1	1	1	1	2	7	1
1	1	1	1	1	11	1
0	1	1	1	0	4	0
1	1	0	1	0	5	0
1	3	3	1	4	46	3
0	1	1	1	1	6	1
0	1	1	1	0	5	0
0	1	1	1	1	5	0
0	1	1	1	1	6	0
0	1	1	1	0	3	0
1	1	1	1	1	12	1
1	1	1	1	1	10	1
1	1	1	1	1	9	1
1	1	1	1	4	10	5
1	1	1	1	2	9	1
1	1	1	1	0	10	0
1	1	1	1	2	5	0
1	1	1	1	2	6	1
0	1	1	1	1	9	1
1	1	1	1	1	8	1
0	1	1	1	1	6	0
1	1	1	1	2	8	1
0	1	1	1	0	9	0
0	1	1	1	0	9	0
0	1	1	1	1	3	0
0	1	1	1	1	9	1
1	1	1	1	1	8	1
1	1	1	1	2	19	1
1	1	1	1	1	5	6
1	1	1	1	0	11	1
1	1	1	1	0	3	0
1	1	1	1	1	3	1
1	1	1	1	0	4	0
1	1	1	1	0	3	0
1	1	1	1	1	8	1
1	1	1	1	1	6	0
1	1	1	1	0	8	0
2	1	1	1	0	4	0
1	1	1	1	0	6	0
1	1	1	1	0	6	0
1	1	1	1	0	8	1
1	1	1	1	0	4	0
1	1	1	1	1	7	1
1	1	1	1	0	5	0
1	1	1	1	1	10	1
1	1	1	1	1	8	1
1	1	1	1	0	4	0
1	1	1	1	0	6	0
1	1	1	1	0	6	0
1	1	1	1	1	7	1
1	1	1	1	0	1	0
1	1	1	1	0	2	0
1	1	1	1	1	9	1
1	1	1	1	0	10	1

1	1	1	2	0	3	0
1	1	1	1	0	4	0
1	1	1	1	0	4	0
1	1	1	1	1	8	0
1	1	1	1	1	10	0
0	1	1	1	0	5	0
1	1	1	1	1	3	1
1	1	1	1	1	4	1
1	1	1	0	1	4	0
1	1	1	1	1	10	1
1	1	1	1	1	4	1
1	1	1	1	0	6	0
1	1	1	1	0	3	0
1	1	1	1	0	4	0
1	1	1	1	0	4	0
1	1	1	1	1	4	0
1	1	1	1	0	3	0
1	1	1	1	1	10	1
1	1	1	1	2	6	0
1	2	2	1	2	10	1
1	1	1	1	0	9	1
1	1	1	1	1	8	1
1	5	5	1	1	20	1
1	1	1	1	0	4	0
1	1	1	1	1	10	0
1	1	1	1	1	8	0
1	1	1	1	0	6	1
1	1	1	1	1	12	1
1	1	1	1	1	5	0
1	1	1	1	1	5	0
1	1	1	1	1	20	0
1	1	1	1	1	4	0
1	1	0	1	0	2	0
1	1	1	1	1	5	0
1	1	0	1	0	2	0
1	1	1	1	1	5	0
1	1	1	1	1	6	0
1	1	1	1	0	2	0
0	2	1	1	0	4	0
1	1	1	1	0	4	0
1	1	1	1	0	5	0
1	1	1	1	2	20	1
1	1	1	1	1	2	0
1	1	1	1	1	10	0
1	1	1	1	0	6	0
1	1	1	1	1	2	0
1	1	1	1	1	10	1
0	1	1	1	1	3	0
1	1	1	1	0	5	0
1	1	1	1	0	10	1
1	1	1	1	3	10	2
1	1	1	1	2	10	2
1	1	1	1	2	10	2
1	1	1	1	0	2	0
1	1	1	1	1	5	0
1	1	1	1	1	10	1

1	2	2	1	1	6	1
1	1	1	1	1	8	1
1	1	1	1	2	9	1
1	1	1	1	1	4	0
1	1	1	1	0	5	0
1	1	1	1	1	5	1
1	1	1	1	1	12	1
1	1	1	1	1	5	0
1	1	1	1	1	5	1
1	1	1	1	1	5	1
0	1	1	1	1	5	0
1	2	2	1	0	10	0
1	1	1	1	1	5	1
1	1	1	1	1	0	1
0	1	1	1	1	3	0
1	1	1	1	1	3	0
0	1	1	1	0	4	0
1	1	1	1	0	4	0
0	1	1	1	0	5	0
0	1	0	1	0	3	0
1	1	1	1	2	8	0
1	2	2	1	2	15	0
1	1	1	1	1	8	2
1	2	2	1	2	15	1
0	0	0	1	0	0	0
0	0	0	1	0	0	0
0	1	1	1	1	5	1
0	1	1	1	2	4	1
0	1	0	1	1	2	0
0	1	0	1	0	3	0
0	1	1	1	0	2	0
0	1	1	1	1	7	1
0	1	1	1	0	3	0
0	1	1	1	1	4	0
0	2	2	1	1	8	0
1	2	1	1	1	6	0
0	1	1	1	2	6	1
0	1	1	1	5	0	0
0	1	1	1	0	4	0
0	1	1	1	0	4	0
1	2	1	1	2	6	1
1	1	1	1	0	6	0
0	2	1	1	2	5	2
1	1	0	1	0	4	0
0	3	1	1	2	6	2
1	1	0	1	0	4	0
0	1	1	1	0	3	0
0	1	1	1	0	3	0
1	2	1	1	1	5	1
1	1	1	1	1	9	1
1	2	1	1	1	7	1
1	2	1	1	1	7	1
1	1	1	1	1	10	1
1	1	1	1	1	20	1
1	1	1	1	1	9	1
1	1	1	1	1	11	1

1	1	1	1	1	20	1
1	1	1	1	1	20	1
1	1	1	1	1	10	1
1	1	1	1	1	10	1
1	1	1	1	0	13	1
1	2	1	1	4	7	2
1	1	1	1	1	8	1
1	2	2	1	2	10	2
1	1	1	1	1	10	1
1	1	1	1	1	30	3
1	1	1	1	1	16	1
1	1	1	1	1	8	1
1	2	2	2	0	7	1
1	1	1	1	0	5	0
1	1	1	1	0	7	0
1	1	1	1	0	7	1
1	1	1	1	1	5	1
1	1	1	1	0	6	0
1	1	1	1	0	5	0
1	1	1	1	1	7	1
1	1	1	1	1	6	1
1	1	1	1	1	6	1
1	1	1	1	1	9	1
1	1	1	1	0	10	2
1	1	1	1	0	5	0
1	1	1	1	1	5	1
1	1	1	1	1	7	0
1	1	1	1	0	8	0
1	1	1	1	0	5	0
1	1	1	1	1	9	2
1	1	1	1	1	8	1
1	1	1	1	0	5	0
1	1	1	1	1	4	0
1	1	1	1	1	10	0
1	1	1	1	0	4	0
1	1	1	1	1	4	0
1	1	1	1	1	7	0
1	1	1	1	1	10	1
1	1	1	1	0	13	1
1	1	1	1	0	7	0
1	1	1	1	0	6	0
1	1	1	1	0	5	0
1	1	1	1	0	11	0
0	1	0	1	1	5	1
1	1	1	1	1	2	0
0	1	0	1	0	3	0
1	2	0	1	1	10	0
1	1	1	1	1	8	0
1	1	1	1	0	7	1
0	1	0	1	0	4	0
0	1	0	1	0	4	0
1	1	1	1	1	4	0
1	1	1	1	2	5	2
1	1	1	1	1	8	0
1	1	1	1	1	4	0
1	1	1	1	0	5	0

0	1	1	1	2	5	0
1	1	1	1	0	6	0
1	1	1	1	0	4	0
1	1	1	1	0	6	0
0	1	1	1	0	3	0
1	2	2	1	1	8	1
1	1	1	1	1	4	1
0	1	1	1	1	4	1
0	1	1	1	1	5	1
1	1	1	1	1	11	1
0	1	1	1	2	8	2
0	1	1	1	1	5	1
1	1	1	1	1	3	1
1	1	1	1	2	10	3
0	1	1	1	1	9	0
1	1	1	1	0	2	0
1	1	1	1	1	10	2
1	1	1	1	1	10	1
1	1	1	1	0	3	0
1	1	1	1	1	8	1
1	1	1	1	1	6	0
0	1	1	1	1	9	0
1	1	1	1	1	9	1
0	1	1	1	1	6	0
1	1	1	1	1	8	1
0	1	1	1	0	6	1
1	1	1	1	1	8	1
0	1	1	1	1	8	1
0	1	1	1	1	6	1
0	1	1	1	0	9	0
0	1	1	1	0	4	0
1	2	1	1	1	15	1
1	1	1	1	1	8	1
1	2	1	1	2	15	2
1	1	1	1	1	4	0
1	1	1	1	1	4	0
1	1	1	1	0	9	0
1	1	1	1	2	4	1
1	1	1	1	1	6	1
1	1	1	1	0	1	0
0	1	1	1	0	7	0
0	1	1	1	0	15	0
1	1	1	1	1	9	0
1	1	1	1	0	5	0
1	1	1	1	1	4	1
1	1	1	1	0	1	0
0	1	1	1	0	3	0
1	1	1	1	0	8	1
1	1	1	1	1	5	1
1	1	1	1	0	10	0
0	1	0	1	0	4	0
0	1	1	1	0	2	0
0	1	1	1	0	4	1
1	1	1	1	0	5	0
0	1	1	1	1	3	0
1	1	1	1	1	10	1

0	1	1	1	0	4	0
1	1	1	1	1	3	0
1	1	1	1	1	8	0
1	1	1	1	1	6	1
0	1	1	1	0	5	1
1	2	2	1	2	8	1
1	1	1	1	1	8	1
1	1	1	1	1	6	0
1	1	1	1	1	11	1
1	1	1	1	0	6	1
1	1	1	1	0	4	0
1	1	1	1	1	4	1
1	1	1	1	3	4	1
1	1	1	1	0	12	0
1	1	1	1	1	5	0
1	1	1	1	0	6	0
1	1	1	1	1	4	1
1	1	1	1	0	3	0
1	1	1	1	0	6	0
1	2	2	1	0	7	0
1	1	1	1	0	3	0
1	1	1	1	1	6	0
1	1	1	1	1	8	0
1	1	1	1	1	8	0
1	1	1	1	1	8	0
0	1	1	1	1	12	0
1	1	1	1	1	8	1
1	1	1	1	0	4	0
1	1	1	1	1	7	1
1	1	1	1	1	4	0
1	1	1	1	0	4	0
1	1	1	1	0	5	0
1	1	1	1	1	7	1
1	1	1	1	1	5	0
0	1	0	0	1	5	0
1	1	1	1	1	6	1
0	1	1	1	1	18	1
1	1	1	1	0	3	0
2	2	1	1	8	1	0
1	1	1	1	0	5	0
1	1	1	1	1	4	1
1	1	1	1	0	2	0
1	1	1	1	0	4	0
1	1	1	1	0	4	0
0	0	0	0	0	0	0
1	1	1	1	1	8	0
1	1	1	1	0	4	0
1	1	1	1	1	6	1
1	2	1	1	1	7	1
1	1	1	1	0	3	0
1	1	1	1	1	8	1
1	1	1	1	1	20	1
1	1	1	1	1	6	0
0	2	1	1	0	7	0
1	1	1	1	1	7	0
1	1	1	1	0	4	0

1	1	1	1	1	5	1
1	1	1	1	0	10	1
1	1	1	1	1	7	1
1	1	1	1	1	5	1
1	2	1	1	1	15	2
1	1	1	1	1	6	1
1	1	1	1	0	6	0
1	1	1	1	1	3	0
1	1	1	1	1	20	1
1	2	1	1	0	7	0
1	1	1	1	1	7	1
1	1	1	1	1	3	0
1	1	1	1	0	3	0
1	1	1	1	0	5	0
1	1	1	1	0	8	0
1	2	1	1	0	6	1
0	1	1	1	0	8	0
1	1	1	1	0	6	0
1	1	1	1	0	5	0
0	2	1	1	1	10	2
1	1	1	1	1	9	0
0	2	1	1	1	9	0
1	1	1	1	0	8	0
0	1	1	1	1	9	0
0	1	1	1	0	6	0
0	1	1	1	1	5	0
1	2	1	1	1	10	1
1	1	1	1	1	18	2
0	1	1	1	1	6	1
1	1	1	1	1	18	2
1	1	1	1	1	5	1
1	1	1	1	2	8	2
1	1	1	1	3	10	2
1	1	1	1	1	10	2
1	1	1	1	0	6	0
0	1	1	1	0	11	0
1	1	1	1	3	8	2
1	1	1	1	1	5	0
1	2	2	1	2	12	2
0	1	1	1	1	6	0
1	2	2	1	1	12	1
1	1	1	1	1	10	1
1	1	1	1	1	16	2
0	1	1	1	1	8	0
0	1	1	1	0	4	0
1	1	1	1	1	6	1
1	1	1	1	2	6	0
1	1	1	1	1	6	1
1	1	1	1	1	6	1
0	1	1	1	1	7	1
1	1	1	1	1	7	0
1	1	1	1	1	5	0
0	1	1	1	1	4	0
1	1	1	1	1	10	1
1	1	1	1	1	6	1
0	1	1	1	1	4	0

1	2	1	1	0	6	0
0	1	1	1	0	3	0
1	2	1	1	1	6	1
1	1	1	1	1	3	1
0	1	1	1	0	7	0
1	1	0	1	1	3	0
1	1	1	1	1	4	1
1	1	1	1	1	8	1
1	0	0	1	0	3	0
1	1	1	1	1	8	1
1	3	1	1	1	12	1
0	1	0	1	0	3	0
1	1	1	1	1	8	0
1	1	1	1	1	3	0
1	1	1	1	1	10	1
0	1	1	1	0	4	0
1	3	1	1	1	12	1
1	1	1	1	0	4	0
0	1	1	1	0	7	1
1	1	1	1	0	8	1
1	1	0	1	0	4	0
1	1	1	1	1	8	1
0	1	1	1	1	7	1
0	1	1	1	0	8	0
0	1	1	1	0	9	1
0	1	1	1	4	4	2
1	1	1	1	2	8	1
1	1	1	1	0	12	1
0	1	1	1	1	8	1
1	1	1	1	2	6	1
0	1	1	1	1	4	1
1	2	2	1	2	9	1
1	2	2	1	2	7	2
1	1	1	1	1	6	1
0	1	1	1	1	2	0
0	1	0	1	0	3	0
0	1	1	1	1	4	1
1	1	1	1	1	8	0
0	2	2	1	2	8	1
0	1	0	1	1	4	1
0	1	1	1	1	9	0
0	1	0	1	1	6	0
0	3	2	1	1	2	0
0	1	1	1	1	7	0
1	1	1	1	1	4	0
0	1	1	1	1	3	1
1	1	1	1	1	7	0
1	1	1	1	1	10	0
0	1	1	1	1	5	1
1	1	1	1	0	4	0
1	2	1	1	0	11	0
1	2	1	1	1	14	1
0	1	1	1	0	6	1
1	1	1	1	0	5	0
0	1	1	1	1	7	1
0	2	2	1	1	12	0

0	2	1	1	0	8	1
1	1	0	1	1	3	0
0	1	1	1	1	9	1
0	1	1	1	0	7	1
0	1	1	1	1	2	0
0	1	0	1	0	4	0
0	1	0	1	0	2	0
1	1	1	1	0	7	0
0	1	0	1	0	3	0
0	1	1	1	0	2	0
0	1	1	1	1	6	0
1	3	2	1	2	11	1
1	1	1	1	1	8	0
0	1	1	1	1	5	0
1	2	2	1	1	10	1
0	0	0	0	0	0	0
1	2	2	1	2	9	2
0	1	1	1	1	4	0
1	2	2	1	1	10	0
0	1	0	1	0	3	0
0	1	0	1	1	7	0
0	2	1	1	1	8	1
0	1	1	0	1	5	0
1	1	0	1	1	3	0
1	1	1	1	1	6	1
1	1	1	1	0	7	0
0	1	1	1	0	3	0
1	1	1	1	1	5	1
1	1	1	1	2	6	2
0	1	1	1	2	7	2
0	1	1	1	0	5	1
0	1	1	1	0	5	1
0	1	0	1	0	3	0
0	1	0	1	0	3	0
0	1	0	1	1	5	0
0	1	0	1	0	4	0
0	1	1	1	1	7	1
1	2	2	1	3	11	3
1	2	1	1	1	10	2
1	2	2	1	2	12	2
1	1	1	1	1	3	1
0	1	1	1	0	6	0
1	2	1	1	2	9	2
1	2	1	1	2	9	1
0	1	1	1	0	4	0
0	1	1	1	1	7	1
1	2	2	1	2	11	2
0	1	1	1	1	5	0
1	2	1	1	1	9	1
1	1	1	1	0	6	0
0	1	0	1	0	3	0
1	1	1	1	0	6	1
1	1	1	1	1	5	2
0	1	1	1	1	7	0
0	2	1	1	2	9	1
0	1	0	1	0	2	0

1	2	1	1	2	0	0
3	2	1	1	2	10	1
2	1	1	1	1	6	0
2	2	2	1	1	8	1
2	2	1	1	1	5	0
2	3	2	1	1	8	1
1	1	1	1	0	3	0
1	1	1	1	0	3	0
1	1	1	1	1	5	0
1	1	1	1	0	3	0
2	2	1	1	2	9	0
0	0	0	0	0	0	0
1	2	1	1	1	1	1
0	0	0	0	0	0	0
2	1	1	1	2	6	1
2	2	2	1	2	9	1
1	1	1	1	2	6	0
1	1	1	0	1	6	1
2	2	2	1	1	9	0
1	0	1	1	0	4	0
2	2	1	1	2	9	1
2	2	1	1	2	7	0
2	2	1	1	0	6	0
1	1	1	1	0	3	0
1	2	1	1	0	4	0
2	1	1	1	1	8	1
2	1	1	1	1	6	0
2	2	1	1	1	6	1
1	1	1	1	2	8	1
2	1	1	1	0	6	0
2	2	1	1	1	4	1
1	1	1	1	1	5	1
1	1	1	1	0	5	1
1	2	1	1	1	4	0
1	1	1	1	1	5	0
1	1	1	1	1	3	0
1	1	1	1	1	4	1
1	1	1	1	0	3	0
1	1	1	1	0	3	0
1	1	1	1	1	3	0
1	1	0	1	0	1	0
1	1	1	1	0	3	0
1	1	1	1	0	1	1
2	2	2	1	0	6	0
1	1	1	1	0	2	0
1	1	1	1	0	5	0
2	2	1	1	1	8	0
1	1	1	1	0	0	0
0	1	0	1	1	5	0
0	1	0	1	0	5	0
1	1	0	1	0	7	0
0	1	0	1	0	4	0
0	1	0	1	0	4	0
0	1	0	1	0	3	0
1	2	1	1	0	12	1
0	1	0	1	0	3	0

0	1	0	1	0	2	0
1	1	1	1	1	6	1
0	1	0	1	0	4	0
0	1	1	1	0	6	1
1	2	1	1	1	12	1
1	1	1	1	0	12	1
1	2	1	1	1	11	2
0	1	0	1	0	3	0
1	1	1	1	0	7	0
0	1	0	1	0	3	0
0	1	1	1	0	6	0
0	2	2	1	0	6	0
0	1	1	1	0	2	0
1	1	1	1	1	8	0
0	1	1	1	0	4	0
0	1	1	1	0	9	0
1	1	1	1	1	5	1
1	1	1	1	1	5	0
0	0	0	1	0	3	0
0	1	1	1	1	4	0
0	1	1	1	1	4	0
0	1	1	1	1	6	0
1	1	1	1	0	5	0
1	1	1	1	0	3	0
2	1	1	1	1	5	0
2	0	0	1	0	3	0
1	1	1	1	1	6	0
2	1	1	1	0	5	0
1	1	1	1	1	5	0
1	1	1	1	0	3	0
1	2	1	1	1	9	0
1	1	1	1	1	4	0
2	1	1	1	1	6	0
1	1	1	0	1	5	0
2	1	1	1	1	10	0
2	1	1	1	1	8	0
1	1	1	1	1	10	1
2	2	1	1	1	20	0
1	1	1	1	0	0	0
1	1	1	1	0	15	1
0	1	1	1	0	8	0
0	1	1	1	0	11	1
0	0	0	0	0	0	0
0	2	1	1	1	6	1
0	1	0	1	1	0	0
0	1	1	1	1	3	0
0	1	1	1	0	2	0
0	1	1	1	1	3	0
0	1	1	1	0	3	0
1	1	1	1	3	9	2
1	1	1	1	2	6	0
1	1	1	1	0	3	0
1	1	1	1	2	10	3
1	1	1	1	3	5	0
0	1	1	1	0	10	0
0	0	0	0	0	0	0

1	1	1	1	1	4	0
1	1	1	1	0	15	0
1	1	1	1	1	6	0
1	1	1	1	2	4	0
1	2	1	1	1	10	3
0	1	1	1	2	6	0
0	1	1	1	2	6	0
1	1	1	1	2	7	1
1	1	1	1	1	6	1
1	2	2	1	2	11	0
0	1	1	1	0	4	0
1	1	0	2	2	2	0
0	1	1	1	2	6	0
1	2	2	1	1	10	2
0	2	1	1	0	6	0
1	1	1	1	1	2	0
0	1	1	1	1	5	1
1	1	1	1	0	6	0
1	1	1	1	0	0	1
1	1	1	1	0	3	0
1	1	1	1	1	6	1
1	2	1	1	2	6	1
1	2	1	1	1	10	1
1	1	1	1	1	0	0
1	3	1	1	2	8	1
1	3	2	1	3	14	1
1	2	1	1	1	8	1
0	1	1	1	0	3	0
1	1	1	1	0	3	0
1	2	1	1	1	6	0
0	0	0	0	0	0	0
1	2	1	1	0	4	0
1	1	1	1	0	3	0
1	2	2	1	1	3	1
1	1	1	1	1	6	0
0	1	1	1	0	3	0
1	1	1	1	3	5	1
1	3	1	1	1	16	1
1	1	1	1	1	8	1
1	1	1	1	1	3	1
1	1	1	1	1	7	0
0	1	1	1	0	4	0
1	1	1	1	1	7	0
1	1	1	1	1	3	0
1	1	1	1	1	7	1
0	1	1	1	0	4	0
0	1	1	1	1	6	1
1	2	2	1	1	4	0
1	1	1	1	2	10	1
1	2	2	1	2	6	1
0	1	1	1	0	8	1
0	2	2	1	0	12	0
1	1	1	1	1	3	0
0	2	2	1	1	4	0
1	1	1	1	1	8	1
1	1	1	1	2	6	1

1	1	1	1	2	10	1
1	1	1	1	1	6	1
0	1	1	1	0	3	0
0	1	1	1	0	3	0
0	1	1	1	0	2	0

r37	r38	r39	r39a	r40	resn	resa
1	ca	786	6	d	102	D+
2	ca	786	6	d	151	D+
2	ca	794	6	a	173	C
3	ca	794	6	b	230	C+
3	ca	1079	4	a	230	C+
1	ca	1079	4	a	166	C
2	ca	1023	4	c	135	D+
1	ca	1022	4	e	118	D+
2	ca	1022	4	e	157	C
4	ca	1022	4	b	230	C+
1	ca	1045	4	e	140	D+
2	ca	1045	4	e	190	C
1	ca	1069	4	d	156	D+
1	ca	1069	4	d	124	D+
1	ca	1028	4	c	102	D+
1	ca	1028	4	a	176	C
3	ca	1048	4	a	226	C+
2	ca	1048	4	b	182	C
1	ca	1095	4	d	113	D+
1	ca	1095	4	b	102	D+
1	ca	949	6	a	133	D+
1	ca	949	6	d	142	D+
2	ca	945	6	d	183	C
1	ca	951	6	b	139	D+
2	ca	951	6	b	180	C
2	ca	945	6	d	120	D+
1	ca	780	6	b	113	D+
1	ca	780	6	a	134	D+
1	lm	945	6	b	106	D+
1	lm	945	6	d	106	D+
1	lm	949	6	d	186	C
1	lm	949	6	d	117	D+
1	lm	1095	4	d	61	D
1	lm	1095	4	d	81	D
2	lm	1048	4	a	202	C+
2	lm	1048	4	c	162	C
1	lm	1028	4	c	109	D+
1	lm	1028	4	c	91	D
1	lm	951	6	d	145	D+
1	lm	951	6	d	169	C
1	lm	780	6	c	140	D+
1	lm	780	6	d	98	D
1	lm	786	6	d	186	C
1	lm	794	6	d	139	D+
1	lm	794	6	b	102	D+
0	lm	1069	4	b	13	E
1	lm	1045	4	b	139	D+
1	lm	1023	4	b	146	D+
1	lm	1023	4	b	102	D+
1	lm	1069	4	a	168	C
2	lm	1023	4	b	171	C
1	lm	1079	4	b	117	D+
1	lm	1079	4	d	150	D+
1	lm	1023	4	b	172	C
2	lm	1045	4	a	152	D+

1	lm	786	6	a	139	D+
1	cp	1028	4	a	156	D+
1	cp	1095	4	b	61	D
1	cp	1069	4	d	156	D+
1	cp	1079	4	d	124	D+
2	cp	1079	4	b	153	D+
1	cp	1069	4	a	168	C
3	cp		4	d	247	A/B
1	cp		6	b	118	D+
1	cp		6	d	102	D+
1	cp		4	b	145	D+
1	cp	1048	4	c	172	C
1	cp	1048	4	b	147	D+
0	cp	1095	4	b	13	E
1	cp	945	6	d	120	D+
1	cp		6	b	102	D+
1	cp	780	6	b	106	D+
1	cp	780	6	b	102	D+
1	cp	794	6	d	155	D+
1	cp	1022	4	d	184	C
1	cp		6	d	91	D
1	cp	1022	4	c	164	C
1	cp	1045	4	b	192	C+
3	cp	1023	4	a	247	A/B
2	cp	1023	4	c	174	C
1	cp	786	6	a	117	D+
1	cp	786	6	d	172	C
1	cp	945	6	d	102	D+
1	cp		6	d	186	C
1	kz	339	3	a	113	D+
1	kz	339	3	a	91	D
1	kz	449	3	d	147	D+
1	kz	449	3	d	150	D+
1	kz	344	3	d	172	C
1	kz	344	3	a	198	C+
1	kz	359	3	d	156	D+
1	kz	359	3	d	172	C
1	kz	359	3	d	168	C
1	kz	359	3	d	186	C
0	li	340	3	b	33	E
1	li	340	3	a	110	D+
1	li	590	3	b	130	D+
2	li	590	3	d	177	C
2	li	448	3	b	228	C+
1	li	449	3	b	130	D+
2	li	449	3	a	194	C+
1	li	449	3	b	158	C
1	li	448	3	d	216	C+
1	li	340	3	b	106	D+
1	li	340	3	b	147	D+
2	li	341	3	d	157	C
3	li	341	3	d	227	C+
1	li	341	3	d	154	D+
2	li	341	3	a	201	C+
2	li	343	3	d	190	C
2	li	343	3	c	176	C

2	li	342	3	d	229	C+
2	li	342	3	b	252	A/B
1	kz	590	3	d	128	D+
1	kz	590	3	d	114	D+
0	kz	590	3	d	87	D
1	kz	448	3	b	168	C
1	kz	448	3	b	184	C
1	kz	448	3	d	91	D
1	bd	590	3	b	198	C+
1	bd	590	3	b	91	D
1	bd	590	3	b	106	D+
1	bd	449	3	a	125	D+
1	bd	449	3	b	84	D
1	bd	448	3	b	163	C
1	bd	448	3	a	123	D+
1	bd	448	3	b	150	D+
1	ja	449	3	a	150	D+
1	ja	449	3	d	169	C
1	ja	590	3	b	91	D
0	ja	590	3	c	151	D+
1	ja	448	3	a	145	D+
2	ja	448	3	b	179	C
4	ja	474	3	d	267	A/B
1	bd	339	3	b	144	D+
1	bd	339	3	a	91	D
1	bd	339	3	a	145	D+
1	bd	339	3	b	164	C
1	bd	359	3	d	203	C+
1	bd	359	3	a	180	C
1	bd	359	3	a	194	C+
1	bd	344	3	b	212	C+
1	bd	344	3	d	164	C
1	bd	344	3	b	164	C
1	bd	374	3	a	144	D+
1	bd	374	3	b	155	D+
1	bd	374	3	b	206	C+
1	bd	374	3	b	121	D+
1	bd	474	3	d	194	C+
1	bd	474	3	a	212	C+
1	bd	474	3	c	212	C+
1	kz	344	3	a	156	D+
1	kz	339	3	1	91	D
1	kz	374	3	d	117	D+
1	kz	374	3	a	123	D+
1	kz	474	3	d	156	D+
1	kz	474	3	b	203	C+
1	kz	474	3	d	164	C
1	kz	474	3	a	184	C
1	kz	374	3	a	133	D+
3	ja	344	3	b	223	C+
1	ja	374	3	a	117	D+
4	ja	344	3	d	236	C+
1	ja	339	3	b	161	C
1	ja	339	3	a	113	D+
2	ja	344	3	d	202	C+
2	ja	359	3	d	192	C+

2	ja	359	3	a	238	C+
1	ja	359	3	a	145	D+
1	ja	339	3	d	156	D+
3	ja	344	3	c	219	C+
1	ja	374	3	d	156	D+
2	ja	374	3	d	125	D+
1	ja	470	3	b	165	C
4	ja	474	3	d	226	C+
1	kz	336	3	d	156	D+
1	kz	336	3	b	81	D
1	kz	336	3	d	139	D+
1	kz	337	3	a	129	D+
1	kz	337	3	d	85	D
1	kz	337	3	c	153	D+
1	kz	338	3	a	186	C
1	kz	338	3	d	91	D
1	kz	338	3	b	117	D+
1	kz	338	3	d	113	D+
1	kz	1332	3	d	128	D+
1	kz	1332	3	a	118	D+
1	kz	1332	3	b	139	D+
1	ja	338	3	d	157	C
2	ja	336	3	a	193	C+
4	ja	338	3	b	179	C
1	ja	1332	3	a	124	D+
1	ja	336	3	d	139	D+
2	ja	336	3	d	210	C+
2	ja	1332	3	a	210	C+
0	ja	338	3	b	82	D
2	ja	337	3	d	202	C+
1	ja	337	3	a	172	C
1	ja		3	d	102	D+
1	ja	1332	3	d	159	C
2	ja	336	3	b	205	C+
1	ja	1232	3	b	177	C
1	bd	336	3	a	148	D+
1	bd	336	3	b	128	D+
1	bd	336	3	a	125	D+
1	bd	337	3	a	164	C
1	bd	337	3	b	126	D+
1	bd	337	3	a	180	C
1	bd	337	3	a	153	D+
1	bd	338	3	c	161	C
1	bd	338	3	b	142	D+
1	bd	338	3	b	91	D
1	bd	1332	3	b	131	D+
1	bd	1332	3	b	183	C
1	bd	1332	3	a	110	D+
1	kz	340	3	a	172	C
1	kz	340	3	b	186	C
1	kz	340	3	b	155	D+
1	kz	343	3	d	81	D
0	kz	343	3	d	22	E
1	kz	343	3	b	91	D
1	kz	343	3	d	172	C
1	kz	341	3	d	113	D+

1	kz	341	3	b	141	D+
1	kz	341	3	d	128	D+
1	kz	341	3	d	117	D+
1	kz	341	3	b	117	D+
1	kz	342	3	b	106	D+
0	ja	342	3	d	148	D+
3	ja	342	3	b	253	A/B
3	ja	342	3	d	208	C+
1	ja	342	3	a	91	D
2	ja	341	3	d	152	D+
1	ja	341	3	d	128	D+
1	ja	340	3	b	144	D+
1	ja	341	3	b	161	C
1	ja	343	3	a	86	D
2	ja	340	3	d	146	D+
1	ja	340	3	a	128	D+
1	ja	342	3	d	140	D+
2	ja	340	3	a	148	D+
1	bd	340	3	b	172	C
1	bd	340	3	b	145	D+
1	bd	341	3	a	184	C
1	bd	341	3	d	184	C
1	bd	341	3	b	107	D+
0	bd	341	3	c	81	D
1	bd	341	3	a	91	D
1	bd	342	3	b	180	C
1	bd	342	3	b	156	D+
1	bd	342	3	b	117	D+
1	bd	343	3	a	128	D+
1	bd	343	3	a	144	D+
1	bd	343	3	b	68	D
1	ja	585	3	d	117	D+
1	ja	585	3	a	139	D+
1	ja	585	3	a	144	D+
1	ja	585	3	d	160	C
1	ja	585	3	d	130	D+
1	ja	585	3	a	102	D+
1	ja	585	3	a	180	C
1	bd	585	3	d	142	D+
1	bd	585	3	b	164	C
1	bd	585	3	a	141	D+
1	bd	585	3	b	91	D
1	bd	585	3	b	107	D+
1	bd	585	3	b	140	D+
1	bd	585	3	b	172	C
1	bd	585	3	a	164	C
1	li	585	3	a	156	D+
2	li	585	3	a	120	D+
2	li	585	3	d	120	D+
1	li	585	3	a	102	D+
1	li	585	3	a	91	D
1	li	585	3	d	124	D+
1	li	585	3	a	60	E
1	kz	585	3	a	107	D+
1	kz	585	3	d	91	D
1	kz	585	3	a	155	D+

1	kz	585	3	a	91	D
1	kz	585	3	d	107	D+
1	kz	585	3	d	206	C+
3	kz	585	3	d	221	C+
1	kz	585	3	d	172	C
1	kz	605	5	d	91	D
1	kz	601	5	b	130	D+
1	kz	601	5	b	91	D
1	kz	603	5	d	106	D+
1	kz	603	5	d	81	D
1	kz	603	5	c	119	D+
1	li	601	5	a	102	D+
1	li	601	5	d	70	D
1	li	601	5	b	92	D
0	li	603	5	a	66	D
2	li	603	5	a	148	D+
3	li	605	5	d	185	C
0	li	605	5	c	107	D+
0	li	605	5	a	33	E
1	bd	601	5	b	81	D
1	bd	601	5	b	91	D
1	bd	603	5	b	136	D+
1	bd	603	5	b	170	C
1	bd	603	5	b	68	D
1	bd	605	5	a	106	D+
1	bd	605	5	b	81	D
0	ja	605	5	b	22	E
2	ja	601	5	c	124	D+
1	ja	601	5	a	146	D+
1	kz	605	5	b	156	D+
1	ja	603	5	d	139	D+
1	ja	602	5	b	119	D+
1	ja	603	5	b	180	C
1	ja	601	5	a	128	D+
2	ja	605	5	d	172	C
1	kz	568	5	d	134	D+
1	kz	568	5	a	139	D+
1	kz	568	5	d	106	D+
1	bd	568	5	a	139	D+
1	bd	568	5	b	106	D+
1	bd	568	5	d	91	D
1	li	568	5	b	91	D
1	li	568	5	d	113	D+
1	ja	568	5	d	113	D+
3	ja	568	5	d	138	D+
1	ja	554	5	d	69	D
1	li	554	5	a	102	D+
1	ja	554	5	b	106	D+
1	ja	554	5	d	108	D+
1	li	554	5	a	119	D+
2	li	554	5	a	131	D+
1	bd	554	5	b	91	D
1	kz	554	5	b	106	D+
1	kz	554	5	d	128	D+
1	bd	554	5	d	91	D
1	al	415	5	b	139	D+

2	al	592	5	b	170	C
1	al	592	5	b	99	D
2	al	564	5	c	204	C+
4	al	532	5	b	261	A/B
1	al	532	5	d	202	C+
1	al	583	5	a	106	D+
4	aa	583	5	a	245	A/B
2	al	532	5	b	222	C+
2	al	532	5	a	259	A/B
2	aa	415	5	d	141	D+
3	aa	524	5	b	253	A/B
3	aa	524	5	b	332	A/B
3	aa	524	5	c	270	A/B
3	aa	524	5	b	290	A/B
2	aa	524	5	b	256	A/B
1	al	589	5	a	81	D
1	aa	415	5	d	102	D+
1	aa	415	5	b	91	D
0	aa	415	5	b	87	D
1	aa	415	5	d	91	D
1	aa	589	5	d	91	D
3	aa	589	5	a	182	C
1	aa	589	5	d	102	D+
3	aa	589	5	a	235	C+
1	aa	589	5	b	91	D
3	al	589	5	a	272	A/B
1	al	589	5	b	91	D
1	aa	592	5	c	139	D+
1	aa	592	5	d	91	D
2	aa	592	5	a	221	C+
2	aa	592	5	a	193	C+
1	aa	592	5	a	157	C
1	al	589	5	b	81	D
2	al	589	5	d	204	C+
2	al	589	5	a	158	C
1	aa	532	5	d	156	D+
3	aa	532	5	b	235	C+
3	aa	532	5	a	247	A/B
4	aa	532	5	b	247	A/B
2	aa	532	5	a	233	C+
3	al	532	5	a	290	A/B
3	al	592	5	a	168	C
2	al	592	5	b	125	D+
2	al	592	5	b	229	C+
1	al	592	5	a	145	D+
1	aa	583	5	b	190	C
2	aa	583	5	b	190	C
1	aa	583	5	a	102	D+
2	aa	583	5	a	187	C
1	aa	583	5	b	191	C
1	ua	583	5	d	186	C
1	ua	583	5	d	163	C
1	ua	583	5	a	155	D+
1	ua	583	5	b	164	C
3	ua	583	5	b	213	C+
1	ua	583	5	d	142	D+

0	al	583	5	b	104	D+
1	al	583	5	b	145	D+
2	al	583	5	a	197	C+
3	al	583	5	a	177	C
3	al	583	5	a	236	C+
2	al	583	5	a	140	D+
3	al	524	5	b	329	A/B
0	al	524	5	b	158	C
6	al	524	5	b	346	A/B
5	al	524	5	c	340	A/B
7	al	524	5	b	366	A/B
1	al	415	5	b	220	C+
1	al	415	5	b	150	D+
1	al	415	5	b	81	D
1	al	415	5	d	129	D+
2	al	415	5	a	99	D
1	aa	558	5	b	161	C
3	aa	558	5	b	200	C+
2	aa	558	5	b	193	C+
1	aa	558	5	d	156	D+
1	aa	558	5	d	184	C
2	al	558	5	b	193	C+
3	al	558	5	b	239	C+
2	al	558	5	a	163	C
2	al	558	5	a	175	C
2	al	558	5	a	191	C
1	ua	580	5	d	180	C
1	ua	580	5	a	144	D+
2	ua	580	5	a	174	C
2	ua	580	5	b	198	C+
2	ua	580	5	a	205	C+
1	ua	580	5	b	172	C
1	ua	580	5	a	129	D+
1	aa	580	5	a	106	D+
1	aa	580	5	a	117	D+
2	aa	580	5	a	158	C
0	aa	580	5	b	72	D
2	aa	580	5	c	125	D+
1	aa	580	5	b	128	D+
2	aa	580	5	a	221	C+
2	aa	564	5	b	140	D+
2	aa	564	5	d	209	C+
1	aa	564	5	b	172	C
2	aa	564	5	a	204	C+
1	aa	564	5	a	69	D
2	al	564	5	b	205	C+
3	al	564	5	b	250	A/B
2	al	564	5	a	163	C
3	al	564	5	a	224	C+
3	al	564	5	d	255	A/B
1	al	580	5	d	164	C
3	al	580	5	b	193	C+
1	al	580	5	b	153	D+
3	al	580	5	a	189	C
1	al	580	5	d	180	C
2	al	580	5	b	205	C+

3	lv	1174	7	b	208	C+
1	lv	1174	7	b	91	D
2	lv	1138	7	d	223	C+
2	lv	1247	7	b	202	C+
1	lv	1203	7	d	91	D
1	lv	1203	7	a	108	D+
3	lv	1261	7	b	335	A/B
2	lv	1265	7	d	163	C
2	lv	1265	7	a	125	D+
2	lv	1264	7	a	147	D+
2	lv	1264	7	d	124	D+
0	lv	1303	7	a	43	E
2	lv	1303	7	b	202	C+
3	lv	1251	7	b	204	C+
2	lv	1251	7	b	174	C
5	lv	1247	7	d	274	A/B
2	lv	1190	7	d	193	C+
1	lv	1190	7	b	125	D+
2	lv	1141	7	b	177	C
2	lv	1141	7	b	223	C+
2	lv	1138	7	d	193	C+
2	lv	1195	7	b	204	C+
1	lv	1195	7	b	128	D+
3	lv	1261	7	a	207	C+
1	lv	lu	7	a	106	D+
1	lv	lu	7	a	106	D+
1	lv	1260	7	d	113	D+
1	lv	1260	7	d	161	C
2	lv	1291	7	b	190	C
1	lv	1291	7	a	192	C+
1	ca	1195	7	b	131	D+
1	ca	1195	7	b	162	C
1	ca	1190	7	c	102	D+
1	ca	1190	7	a	141	D+
1	ca	1141	7	a	102	D+
1	ca	1141	7	c	102	D+
1	ca	1138	7	b	180	C
1	ca	1138	7	b	139	D+
1	ca	1174	7	b	117	D+
1	ca	1174	7	a	91	D
1	ca	1247	7	a	117	D+
1	ca	1247	7	b	117	D+
1	ca	1291	7	a	164	C
1	ca	1291	7	a	102	D+
1	ca	1260	7	d	156	D+
1	ca	1260	7	c	102	D+
1	ca	1265	7	d	186	C
1	ca	1265	7	a	186	C
1	ca	1303	7	b	102	D+
1	ca	1303	7	d	125	D+
1	ca	1251	7	d	117	D+
1	ca	1251	7	a	156	D+
1	ca	1264	7	a	102	D+
1	ca	1264	7	b	102	D+
1	ca	1261	7	d	194	C+
1	ca	1261	7	d	134	D+

1	ca	lu	7	b	118	D+
1	ca	1203	7	b	118	D+
1	ca	1203	7	a	102	D+
1	ca	lu	7	d	139	D+
1	lm	1264	7	a	139	D+
1	lm	1190	7	b	107	D+
1	cp	1264	7	a	157	C
1	cp	1260	7	a	141	D+
1	cp	1303	7	b	120	D+
1	cp	1261	7	b	186	C
1	cp	1261	7	b	141	D+
1	cp	1291	7	a	117	D+
1	cp	1265	7	c	102	D+
1	cp	1265	7	b	102	D+
1	cp	1260	7	b	102	D+
1	cp	1264	7	b	124	D+
1	cp	1303	7	a	102	D+
1	cp	lu	7	b	172	C
1	cp	lu	7	a	158	C
1	cp	1203	7	c	191	C
1	cp	1203	7	b	134	D+
1	cp	1195	7	b	156	D+
1	cp	1195	7	a	232	C+
1	cp	1190	7	a	102	D+
1	cp	1190	7	b	139	D+
1	cp	1141	7	a	139	D+
1	cp	1141	7	d	150	D+
1	cp	1138	7	d	218	C+
1	cp	1138	7	d	140	D+
1	cp	1174	7	b	124	D+
1	cp	1247	7	d	156	D+
1	cp	1247	7	a	124	D+
1	cp	1174	7	c	92	D
1	cp	1247	7	a	140	D+
1	cp	1251	7	b	70	D
1	cp	1251	7	a	140	D+
2	jr	1203	7	a	157	C
1	jr	1203	7	b	118	D+
1	jr	lu	7	a	107	D+
1	jr	lu	7	d	102	D+
2	jr	1195	7	b	136	D+
2	jr	1195	7	b	248	A/B
1	jr	1190	7	d	140	D+
2	jr	1190	7	b	173	C
3	jr	1141	7	d	165	C
1	jr	1141	7	a	140	D+
4	jr	1138	7	b	218	C+
1	jr	1138	7	d	113	D+
1	jr	1174	7	b	102	D+
2	jr	1174	7	b	182	C
1	jr	1247	7	b	228	C+
3	jr	1247	7	b	263	A/B
3	jr	1291	7	b	263	A/B
1	jr	1291	7	a	102	D+
1	jr	1260	7	a	154	D+
2	jr	1260	7	d	188	C

2	jr	1261	7	a	182	C
1	jr	1261	7	d	180	C
2	jr	1265	7	d	201	C+
1	jr	1265	7	b	124	D+
2	jr	1264	7	d	134	D+
1	jr	1264	7	d	141	D+
3	jr	1303	7	b	200	C+
2	jr	1303	7	b	158	C
1	jr	1251	7	b	157	C
1	jr	1251	7	d	141	D+
3	oa	24	2	b	153	D+
1	oa	24	2	c	131	D+
1	oa	24	2	d	149	D+
3	oa	24	2	c	197	C+
1	ll	9	2	c	113	D+
1	ll	9	2	a	148	D+
1	ll	9	2	b	107	D+
1	ll	9	2	b	102	D+
1	ll	9	2	c	91	D
1	ll	9	2	c	81	D
3	oa	9	2	b	214	C+
0	oa	9	2	b	188	C
3	oa	9	2	b	224	C+
2	oa	9	2	b	235	C+
0	oa	26	2	c	20	E
0	oa	26	2	c	42	E
2	oa	26	2	b	156	D+
3	oa	26	2	b	197	C+
1	ll	26	2	b	103	D+
0	ll	26	2	d	55	E
1	ll	26	2	b	91	D
1	ll	26	2	b	145	D+
1	ll	26	2	b	91	D
2	ll	26	2	a	147	D+
1	ll	24	2	c	136	D+
1	ll	24	2	c	139	D+
1	ll	24	2	b	164	C
1	ll	24	2	c	149	D+
1	ll	24	2	b	107	D+
1	ll	24	2	a	107	D+
1	ll	24	2	b	191	C
3	oa	22	2	b	149	D+
3	ll	22	2	b	223	C+
1	ll	22	2	b	92	D
1	ll	22	2	b	194	C+
1	ll	22	2	c	108	D+
1	ll	22	2	c	91	D
1	ll	22	2	b	91	D
1	ll	22	2	a	171	C
1	oa	22	2	d	156	D+
1	oa	22	2	b	180	C
1	oa	22	2	d	172	C
3	mg	fo	5	b	226	C+
1	bd	na	5	a	211	C+
1	bd	na	5	b	186	C
1	bd	na	5	d	206	C+

1	bd	na	5	a	217	C+
1	bd	na	5	b	203	C+
1	bd	fo	5	a	200	C+
1	bd	fo	5	a	170	C
1	bd	fo	5	d	190	C
4	lv	na	5	b	286	A/B
3	lv	na	5	b	204	C+
2	lv	na	5	b	235	C+
2	lv	na	5	b	204	C+
1	lv	na	5	b	215	C+
4	lv	fo	5	b	235	C+
2	lv	fo	5	b	174	C
3	lv	fo	5	a	166	C
1	ca	911	6	a	102	D+
1	ca	911	6	d	117	D+
1	ca	912	6	d	164	C
1	ca	912	6	a	141	D+
1	ca	915	6	b	117	D+
1	ca	915	6	b	102	D+
1	ca	916	6	a	186	C
1	ca	916	6	c	186	C
1	ca	966	6	d	156	D+
1	ca	966	6	b	156	D+
3	ca	916	6	a	186	C
1	ca	919	6	a	126	D+
1	ca	907	6	b	157	C
1	ca	907	6	b	139	D+
1	ca	901	6	b	117	D+
1	ca	901	6	a	102	D+
3	ca	887	6	c	230	C+
1	ca	887	6	b	164	C
1	ca	857	6	c	102	D+
1	ca	857	6	c	124	D+
1	ca	808	6	b	147	D+
0	ca	808	6	c	76	D
1	ca	956	6	a	124	D+
1	ca	956	6	d	155	D+
1	ca	807	6	d	194	C+
2	ca	807	6	d	188	C
1	ca	822	6	d	117	D+
1	ca	822	6	d	117	D+
1	ca	910	6	a	102	D+
1	ca	910	6	a	129	D+
1	jr	1095	4	c	120	D+
2	jr	780	6	a	142	D+
0	jr	1048	4	a	55	E
1	jr	1022	4	b	129	D+
2	jr	1069	4	a	171	C
2	jr	951	6	c	182	C
2	jr	945	6	a	99	D
3	jr	945	6	d	113	D+
1	jr	951	6	c	140	D+
2	jr	949	6	b	190	C
1	jr	949	6	b	169	C
1	jr	1048	4	b	102	D+
1	jr	780	6	d	110	D+

1	jr	1095	4	b	140	D+
1	jr	786	6	b	95	D
2	jr	794	6	d	150	D+
1	jr	794	6	a	133	D+
1	jr	1028	4	c	91	D
1	jr	1023	4	b	172	C
2	jr	1023	4	b	175	C
2	jr	1028	4	b	148	D+
1	jr	1045	4	c	168	C
2	jr	1027	4	d	186	C
3	jr	1045	4	a	216	C+
2	jr	1079	4	b	164	C
2	jr	1079	4	d	159	C
3	jr	1069	4	d	243	A/B
1	jr	786	6	e	128	D+
0	lv	1079	4	b	76	D
3	lv	1069	4	c	216	C+
2	lv	7028	4	c	174	C
1	lv	1079	4	b	102	D+
2	lv	1028	4	d	174	C
1	lv	1095	4	d	155	D+
1	lv	794	6	a	128	D+
2	lv	1095	4	b	174	C
1	lv	949	6	b	144	D+
1	lv	945	6	d	156	D+
2	lv	945	6	d	141	D+
1	lv	951	6	b	156	D+
1	lv	951	6	b	161	C
1	lv	780	6	d	145	D+
1	lv	780	6	b	122	D+
1	lv	786	6	d	91	D
2	lv	786	6	a	186	C
2	lv	799	6	b	190	C
3	lv	7045	4	d	239	C+
0	lv	1022	4	a	98	D
1	lv	1023	4	b	124	D+
1	lv	1022	4	b	117	D+
2	lv	1023	4	d	208	C+
1	lv	1045	4	b	172	C
1	lv	1069	4	b	102	D+
1	lv	7048	4	d	106	D+
2	lv	1048	4	b	152	D+
1	lv	949	6	d	139	D+
1	jr	808	6	b	102	D+
3	jr	808	6	b	189	C
1	jr	915	6	a	102	D+
1	jr	915	6	a	91	D
2	jr	916	6	b	152	D+
1	jr	916	6	b	157	C
3	jr	966	6	d	165	C
1	jr	966	6	d	81	D
1	jr	919	6	a	91	D
1	jr	919	6	a	108	D+
2	jr	907	6	b	120	D+
1	jr	907	6	c	91	D
1	jr	857	6	b	180	C

1	jr	910	6	b	91	D
1	jr	910	6	b	140	D+
1	jr	901	6	b	139	D+
2	jr	901	6	a	190	C
2	jr	857	6	b	126	D+
2	jr	822	6	b	201	C+
3	jr	822	6	b	204	C+
1	jr	807	6	d	147	D+
4	jr	807	6	b	216	C+
1	jr	956	6	b	150	D+
1	jr	956	6	a	118	D+
1	jr	887	6	b	141	D+
2	jr	887	6	b	209	C+
2	jr	912	6	b	163	C
1	jr	912	6	d	124	D+
2	jr	911	6	a	135	D+
2	jr	911	6	d	189	C
0	cp	882	6	b	76	D
1	cp	912	6	b	117	D+
1	cp	912	6	b	133	D+
1	cp	911	6	b	102	D+
1	cp	911	6	b	155	D+
1	cp	808	6	a	155	D+
1	cp	808	6	b	155	D+
1	cp	822	6	c	139	D+
1	cp	822	6	b	156	D+
1	cp	807	6	b	172	C
1	cp	807	6	d	102	D+
1	cp	966	6	b	156	D+
1	cp	916	6	d	124	D+
1	cp	916	6	c	102	D+
1	cp	915	6	a	118	D+
1	cp	915	6	b	156	D+
1	cp	907	6	d	124	D+
1	cp	907	6	a	83	D
1	cp	919	6	d	172	C
2	cp	919	6	b	210	C+
1	cp	966	6	b	102	D+
2	cp	956	6	b	197	C+
1	cp	857	6	d	102	D+
1	cp	956	6	b	157	C
1	cp	887	6	b	102	D+
1	cp	901	6	a	102	D+
1	cp	910	6	b	118	D+
0	cp	910	6	a	22	E
1	cp	901	6	d	139	D+
1	cp	857	6	b	102	D+
1	lm	956	6	b	186	C
2	lm	956	6	a	174	C
1	lm	857	6	a	102	D+
1	lm	887	6	d	156	D+
1	lm	807	6	d	203	C+
1	lm	807	6	d	155	D+
1	lm	822	6	d	114	D+
1	lm	822	6	d	155	D+
1	lm	857	6	b	102	D+

1	lm	912	6	a	141	D+
1	lm	912	6	a	134	D+
3	lm	911	6	d	204	C+
1	lm	911	6	d	141	D+
5	lm	808	6	d	228	C+
1	lm	808	6	a	156	D+
1	lm	966	6	a	117	D+
1	lm	919	6	d	124	D+
1	lm	919	6	d	189	C
1	lm	907	6	a	117	D+
3	lm	910	6	d	188	C
1	lm	970	6	d	124	D+
1	lm	901	6	d	102	D+
1	lm	901	6	d	102	D+
2	lm	887	6	a	151	D+
1	lm	916	6	d	134	D+
1	lm	966	6	a	106	D+
1	lm	916	6	d	147	D+
1	lm	915	6	c	118	D+
2	lm	907	6	d	175	C
1	lm	915	6	d	139	D+
2	lv	915	6	b	176	C
1	lv	9156	6	a	133	D+
1	lv	966	6	d	144	D+
1	lv	966	6	d	106	D+
2	lv	887	6	a	131	D+
2	lv	807	6	d	190	C
3	lv	857	6	a	247	A/B
1	lv	857	6	d	145	D+
4	lv	956	6	b	247	A/B
1	lv	956	6	b	157	C
5	lv	807	6	b	249	A/B
4	lv	807	6	d	274	A/B
5	lv	822	6	b	230	C+
1	lv	910	6	d	95	D
2	lv	910	6	a	136	D+
1	lv	907	6	d	204	C+
1	lv	907	6	b	124	D+
6	lv	822	6	d	255	A/B
1	lv	912	6	d	128	D+
5	lv	901	6	b	200	C+
1	lv	901	6	b	172	C
2	lv	919	6	c	219	C+
1	lv	919	6	a	128	D+
1	lv	912	6	b	91	D
1	lv	916	6	b	186	C
1	lv	916	6	b	174	C
2	lv	808	6	d	190	C
2	lv	808	6	c	190	C
2	lv	911	6	b	193	C+
1	lv	911	6	c	155	D+
1	lm	1303	7	a	124	D+
2	lm	1303	7	a	131	D+
1	lm	1251	7	b	186	C
1	lm	1251	7	a	180	C
1	lm	lu	7	a	113	D+

1	lm	1291	7	a	133	D+
1	lm	1291	7	a	91	D
3	lm	1260	7	d	218	C+
1	lm	1260	7	b	141	D+
1	lm	1261	7	b	106	D+
1	lm	1261	7	b	122	D+
1	lm	1265	7	d	157	C
1	lm	1265	7	b	186	C
1	lm	1264	7	a	95	D
1	lm	1247	7	b	156	D+
1	lm	1247	7	b	202	C+
1	lm	1174	7	a	81	D
1	lm	1174	7	b	147	D+
1	lm	1141	7	a	124	D+
1	lm	1141	7	a	172	C
1	lm	1138	7	c	91	D
1	lm	1138	7	b	202	C+
1	lm	1190	7	b	118	D+
1	lm	1195	7	b	123	D+
1	lm	lu	7	a	134	D+
1	lm	1203	7	a	92	D
1	lm	1203	7	b	156	D+
3	di	223	2	d	193	C+
2	di	223	2	a	140	D+
2	di	227	2	a	171	C
3	di	227	2	b	226	C+
1	di	227	2	d	191	C
2	di	227	2	b	188	C
2	di	227	2	a	179	C
2	di	221	2	b	193	C+
1	di	221	2	a	130	D+
3	di	221	2	d	237	C+
2	di	221	2	b	229	C+
1	di	221	2	d	156	D+
1	di	205	2	b	129	D+
2	di	205	2	a	99	D
1	di	192	2	a	130	D+
1	di	192	2	d	163	C
0	di	192	2	d	138	D+
1	di	206	2	d	120	D+
1	di	206	2	d	128	D+
1	di	206	2	d	118	D+
2	di	214	2	d	157	C
1	di	214	2	a	128	D+
1	di	217	2	d	124	D+
1	di	215	2	a	138	D+
2	di	215	2	b	157	C
1	di	215	2	b	155	D+
1	di	216	2	b	130	D+
1	di	216	2	a	102	D+
2	di	217	2	d	163	C
2	di	217	2	d	202	C+
3	mv	192	2	a	171	C
3	mv	192	2	c	134	D+
1	mv	192	2	d	161	C
3	mv	205	2	a	172	C

1	mv	205	2	d	139	D+
2	mv	206	2	b	132	D+
2	mv	206	2	b	179	C
2	mv	206	2	c	141	D+
1	mv	215	2	d	129	D+
1	mv	214	2	a	81	D
1	mv	214	2	a	97	D
4	mv	215	2	a	173	C
1	mv	215	2	b	81	D
1	mv	216	2	c	91	D
2	mv	216	2	c	146	D+
3	mv	217	2	a	287	A/B
3	mv	217	2	d	187	C
1	mv	217	2	d	129	D+
1	mv	221	2	b	164	C
0	mv	221	2	d	52	E
4	mv	221	2	c	235	C+
2	mv	221	2	c	147	D+
1	mv	221	2	b	147	D+
1	mv	227	2	a	81	D
1	mv	227	2	b	118	D+
1	mv	227	2	b	145	D+
1	mv	227	2	b	93	D
1	mv	227	2	c	114	D+
1	mv	223	2	d	156	D+
1	mv	223	2	d	117	D+
1	ib	206	2	a	91	D
2	ib	220	2	c	175	C
2	ib	220	2	b	235	C+
3	ib	220	2	b	208	C+
2	ib	220	2	b	142	D+
1	ib	222	2	d	124	D+
1	ib	222	2	c	81	D
1	ib	222	2	b	81	D
1	ib	222	2	d	103	D+
1	ib	222	2	c	97	D
2	ib	220	2	b	179	C
3	ib	217	2	b	286	A/B
2	ib	223	2	d	202	C+
3	ib	223	2	a	247	A/B
2	ib	216	2	a	175	C
1	ib	216	2	b	106	D+
2	ib	223	2	b	221	C+
2	ib	217	2	b	193	C+
1	ib	216	2	c	107	D+
2	ib	215	2	d	179	C
3	ib	215	2	b	247	A/B
2	ib	214	2	d	131	D+
2	ib	214	2	a	190	C
2	ib	214	2	b	135	D+
1	ib	205	2	c	59	E
2	ib	205	2	a	168	C
2	ib	205	2	b	201	C+
1	ib	192	2	b	144	D+
3	ib	192	2	b	196	C+
1	ib	206	2	c	81	D

0	ja		1	d	117	D+
3	ja	670	1	b	226	C+
2	ja	670	1	d	146	D+
1	ja	670	1	a	145	D+
1	ja	670	1	b	129	D+
3	ja	730	1	a	225	C+
1	ja	730	1	a	102	D+
2	ja	730	1	d	120	D+
1	ja	723	1	d	124	D+
0	ja	723	1	d	54	E
2	ja	723	1	d	143	D+
0	ja	661	1	d	52	E
1	ja	661	1	d	157	C
0	ja	661	1	a	22	E
1	ja	661	1	d	180	C
2	ja	710	1	d	182	C
2	ja	710	1	b	176	C
1	ja	710	1	d	136	D+
2	ja	710	1	d	146	D+
1	ja	681	1	d	105	D+
1	ja	681	1	d	142	D+
1	ja	681	1	d	163	C
2	ja	729	1	d	124	D+
1	ja	729	1	d	118	D+
1	ja	729	1	b	80	D
1	ja	724	1	d	145	D+
1	ja	724	1	b	128	D+
2	ja	724	1	d	141	D+
1	ja	711	1	a	175	C
1	ja	711	1	d	106	D+
1	ja	711	1	a	160	C
2	ja	719	1	d	175	C
3	ja	719	1	d	167	C
4	ja	719	1	a	172	C
1	jl	730	1	b	124	D+
1	jl	729	1	d	102	D+
1	jl	730	1	d	141	D+
1	jl	730	1	d	102	D+
1	jl	730	1	c	102	D+
1	jl	729	1	a	124	D+
1	jl	729	1	a	92	D
1	jl	729	1	b	102	D+
1	jl	729	1	b	127	D+
1	jl	724	1	d	114	D+
1	jl	724	1	a	102	D+
1	jl	724	1	a	102	D+
1	jl	723	1	b	136	D+
1	jl	723	1	a	102	D+
2	jv	192	2	b	137	D+
2	jv	192	2	c	99	D
1	jv	205	2	d	115	D+
1	jv	205	2	a	97	D
1	jv	205	2	b	81	D
2	jv	206	2	d	99	D
0	jv	206	2	b	120	D+
2	jv	214	2	a	99	D

2	jv	214	2	b	99	D
1	jv	214	2	d	164	C
1	jv	215	2	c	81	D
2	jv	215	2	b	165	C
3	jv	216	2	a	224	C+
4	jv	216	2	c	194	C+
2	jv	216	2	a	206	C+
1	jv	217	2	d	97	D
2	jv	217	2	b	135	D+
1	jv	220	2	a	81	D
1	jv		2	b	122	D+
2	jv	220	2	a	132	D+
1	jv	220	2	a	69	D
2	jv		2	a	157	C
1	jv	223	2	d	91	D
2	jv	223	2	d	140	D+
3	jv	223	2	a	189	C
2	jv	222	2	d	142	D+
1	jv	220	2	d	68	D
2	jv		2	d	131	D+
2	jv	220	2	d	131	D+
2	jv		2	b	162	C
1	jl	723	1	b	102	D+
1	jl	719	1	b	110	D+
1	jl	719	1	b	113	D+
1	jl	719	1	a	68	D
1	jl	711	1	a	147	D+
1	jl	711	1	b	99	D
1	jl	711	1	d	124	D+
1	jl	711	1	b	110	D+
1	jl	710	1	d	153	D+
1	jl	710	1	b	132	D+
1	jl	710	1	d	128	D+
1	jl	681	1	b	104	D+
1	jl	681	1	a	144	D+
1	jl	681	1	b	128	D+
1	jl	670	1	b	186	C
1	jl	670	1	a	169	C
1	jl	670	1	b	102	D+
1	jl	670	1	b	170	C
1	jl	661	1	a	106	D+
1	jl	661	1	b	159	C
0	jl	661	1	a	22	E
1	al	710	1	b	145	D+
0	al	710	1	b	77	D
2	al	710	1	d	131	D+
1	al	724	1	b	91	D
1	al	724	1	b	113	D+
1	al	724	1	a	91	D
3	al	711	1	b	266	A/B
3	al	711	1	b	190	C
2	al	711	1	a	120	D+
3	al	670	1	a	235	C+
2	al	670	1	a	194	C+
1	al	670	1	a	120	D+
0	al	661	1	d	0	E

1	al	661	1	c	124	D+
1	al	661	1	a	129	D+
2	al	681	1	b	135	D+
1	al	681	1	d	143	D+
4	al	681	1	a	224	C+
3	al	681	1	a	179	C
1	al	723	1	b	147	D+
4	al	723	1	c	223	C+
1	al	723	1	d	156	D+
3	al	723	1	a	202	C+
1	al	719	1	b	91	D
2	al	729	1	a	151	D+
2	al	719	1	d	165	C
3	al	719	1	a	200	C+
2	al	729	1	b	148	D+
0	al	729	1	a	98	D
2	al	729	1	d	148	D+
2	ja	316	1	d	135	D+
1	ja		1	d	119	D+
1	ja	316	1	d	80	D
2	ja	611	1	a	152	D+
2	ja	295	1	d	193	C+
3	ja	316	1	b	204	C+
0	ja	316	1	b	98	D
3	ja	316	1	d	241	C+
1	ja	297	1	b	222	C+
1	ja	297	1	b	172	C
1	ja	297	1	d	69	D
1	ja	296	1	d	102	D+
1	ja	296	1	b	139	D+
0	ja	296	1	d	0	E
1	ja	295	1	d	102	D+
1	jl	297	1	b	102	D+
1	jl	296	1	a	141	D+
1	jl	296	1	a	139	D+
1	jl	295	1	b	91	D
1	jl	295	1	b	185	C
1	jl	297	1	a	229	C+
1	jl	297	1	a	180	C
1	jl	295	1	d	141	D+
1	jl	296	1	d	147	D+
1	jl	316	1	a	91	D
1	jl	316	1	d	139	D+
1	jl	316	1	a	124	D+
1	jl	296	1	b	194	C+
1	al	297	1	d	91	D
2	al	297	1	b	163	C
1	al	297	1	d	140	D+
3	al	295	1	b	223	C+
3	al	295	1	b	223	C+
2	al	295	1	b	141	D+
1	al	316	1	a	134	D+
2	al	316	1	d	142	D+
2	al	295	1	d	139	D+
1	al	316	1	d	172	C
3	al	296	1	b	237	C+

3	al	296	1	a	207	C+
1	al	296	1	b	186	C
1	al	730	1	a	91	D
1	al	730	1	a	91	D
0	al	730	1	d	65	D

rmun
ob
ob
ob
ob
gu
gu
gu
gu
gu
gu
gu
gu
gu
gu
gu
gu
gu
gu
gu
gu
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
gu
gu
gu
gu
gu
gu
ob
ob
ob
ob
ob
ob
ob
gu
gu
gu
gu
gu
gu
gu
gu
gu
gu

ob
gu
gu
gu
gu
gu
gu
gu
ob
ob
gu
gu
gu
gu
ob
ob
ob
ob
ob
gu
ob
gu
gu
gu
gu
ob
ob
ob
ob
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he

he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he

he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he

he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he

he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he

he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he

he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he
he

et
et
et
na
hu
hu
na
na
na
na
na
na
na
na
na
na
hu
hu
et
et
et
hu
hu
na
hu
hu
na
na
na
na
hu
hu
hu
hu
et
et
et
et
et
et
na
na
na
na
na
na
na
na
na
na
na
na
na
na
na
na

hu
hu
hu
hu
na
hu
na
na
na
na
na
na
na
na
na
na
na
hu
hu
hu
hu
hu
hu
hu
hu
et
et
et
et
et
na
na
et
na
na
na
hu
hu
hu
hu
hu
hu
hu
hu
et
et
et
et
et
et
na
na
na
na
na
na

na
na
na
na
na
na
na
na
na
na
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
ap
he
he
he
he

he
he
he
he
he
he
he
he
he
he
he
he
he
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
gu
ob
gu
gu
gu
ob
ob
ob
ob
ob
ob
gu
ob

gu
ob
ob
ob
gu
gu
gu
gu
gu
gu
gu
gu
gu
gu
ob
gu
gu
gu
gu
gu
gu
ob
gu
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
gu
gu
gu
gu
gu
gu
gu
gu
gu
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob

ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob

ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
ob
na
na
na
na
hu

na
na
na
na
na
na
na
na
na
na
na
et
et
et
et
et
et
hu
hu
hu
hu
hu
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no

no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no

sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
no
no
no
no
no
no
no
no

no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
no
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl

sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
sl
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca
ca

ca
ca
sl
sl
sl