

1 Double these numbers using partitioning

a

$$\begin{array}{c}
 28 \\
 \swarrow \quad \searrow \\
 \text{Double } 20 \quad \text{Double } 8 \\
 \boxed{} + \boxed{} = \boxed{}
 \end{array}$$

b

$$\begin{array}{c}
 36 \\
 \swarrow \quad \searrow \\
 \boxed{} + \boxed{} = \boxed{}
 \end{array}$$

c

$$\begin{array}{c}
 49 \\
 \swarrow \quad \searrow \\
 \boxed{} + \boxed{} = \boxed{}
 \end{array}$$

2 Halve these numbers using partitioning

a

$$\begin{array}{c}
 32 \\
 \swarrow \quad \searrow \\
 \text{Half of } 30 \quad \text{Half of } 2 \\
 \boxed{} + \boxed{} = \boxed{}
 \end{array}$$

c

$$\begin{array}{c}
 74 \\
 \swarrow \quad \searrow \\
 \boxed{} + \boxed{} = \boxed{}
 \end{array}$$

b

$$\begin{array}{c}
 56 \\
 \swarrow \quad \searrow \\
 \boxed{} + \boxed{} = \boxed{}
 \end{array}$$

d

$$\begin{array}{c}
 96 \\
 \swarrow \quad \searrow \\
 \boxed{} + \boxed{} = \boxed{}
 \end{array}$$

Remember:

Half of 30 = 15

Half of 50 = 25

Half of 70 = 35

Half of 90 = 45

3 How quickly can you double these numbers? Time yourself!

a 15 =

f 25 =

k 35 =

p 45 =

b 18 =

g 16 =

l 37 =

q 46 =

c 16 =

h 19 =

m 36 =

r 48 =

d 19 =

i 17 =

n 39 =

s 49 =

e 17 =

j 18 =

o 38 =

t 47 =

Time for a - e

Time for f - j

Time for k - o

Time for p - t

mins	secs
------	------

mins	secs
------	------

mins	secs
------	------

mins	secs
------	------

See if you can beat these times

4 How quickly can you halve these numbers? Time yourself!

a 30 =

f 50 =

k 70 =

p 90 =

b 32 =

g 54 =

l 78 =

q 96 =

c 38 =

h 58 =

m 72 =

r 94 =

d 34 =

i 52 =

n 76 =

s 98 =

e 36 =

j 56 =

o 74 =

t 92 =

Time for a – e

mins	secs
------	------

Time for f – j

mins	secs
------	------

Time for k – o

mins	secs
------	------

Time for p – t

mins	secs
------	------

See if you can beat these times

3 How quickly can you double these numbers? Time yourself!

a $15 = 30$

f $25 = 50$

k $35 = 70$

p $45 = 90$

b $18 = 36$

g $16 = 32$

l $37 = 74$

q $46 = 92$

c $16 = 32$

h $19 = 38$

m $36 = 72$

r $48 = 96$

d $19 = 38$

i $17 = 34$

n $39 = 78$

s $49 = 98$

e $17 = 34$

j $18 = 36$

o $38 = 76$

t $47 = 94$

4 How quickly can you halve these numbers? Time yourself!

a $30 = 15$

f $50 = 25$

k $70 = 35$

p $90 = 45$

b $32 = 16$

g $54 = 27$

l $78 = 39$

q $96 = 48$

c $38 = 19$

h $58 = 29$

m $72 = 36$

r $94 = 47$

d $34 = 17$

i $52 = 26$

n $76 = 38$

s $98 = 49$

e $36 = 18$

j $56 = 28$

o $74 = 37$

t $92 = 46$

Time for a - e

mins	secs
------	------

Time for f - j

mins	secs
------	------

Time for k - o

mins	secs
------	------

Time for p - t

mins	secs
------	------

See if you can beat these times