

## Level 8

### Card 1

Use a number chart:

- a) Count to 100 by 2s using even numbers.
- b) Count to 100 by 2s using odd numbers.

c) Write these words in digits:

Twenty  Fifty  Thirty   
Ninety  Seventy  Forty   
Sixty  Eighty

d) Use the number chart for these:

One more than 118 =

Five more than 100 =

Two more than 111 =

Ten more than 103 =

One less than 117 =

Five less than 100 =

Two less than 112 =

Ten less than 120 =

## Level 8

### Card 2

Use a number chart:

- a) Count to 120 by 5s
- b) Count backwards from 120 by 10s
- c) Put in the missing sign:

$$3 \square 6 = 9$$

$$5 \square 2 = 3$$

$$3 \square 6 = 18$$

$$20 \square 4 = 5$$

d) Say it another way:

$$2 + 3 + 5 = \square \quad \dots \quad 2 + 3 + \square = 10$$

$$4 + 1 + 8 = \square \quad \dots \quad 4 + 1 + \square = 13$$

$$9 - \square = 6 \quad \dots \quad 6 = 9 - \square$$

$$12 - \square = 8 \quad \dots \quad 8 = 12 - \square$$

e) Write the number for:

3 lots of 10 and 2 more =

4 lots of ten and 3 more =

5 lots of ten and 6 more =

## Level 8

### Card 3

- a) Count by 5s from 25 to 60
- b) Count by tens from 20 to 120
- c) What makes 10?

$$1 + \square = 10$$

$$2 + \square = 10$$

$$3 + \square = 10$$

$$4 + \square = 10$$

$$5 + \square = 10$$

$$6 + \square = 10$$

$$7 + \square = 10$$

$$8 + \square = 10$$

$$9 + \square = 10$$

$$10 + \square = 10$$

- d) Now make up a set of “take-away” equations:

$$10 - 1 = 9$$

$$10 - 2 = 8 \text{ Keep going until you reach } 10 - 10$$

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### Card 4

- a) Count by 3s from 0 to 15 using a number line.
- b) Count by 4s from 0 to 16 using a number line.

- c) What makes 20?

$$1 + \square = 20$$

$$2 + \square = 20$$

$$3 + \square = 20$$

$$4 + \square = 20$$

Keep the pattern going up to  $20 + \square = 20$

- d) Now make up a set of “take-away” equations:

$$20 - 1 = 19$$

$$20 - 2 = 18$$

Keep going until you reach  $20 - 20$ .

## Level 8

### Card 5

Use the number chart.

1. Count by 3s by adding 3 to each number:

2, 5, 8, \_\_, \_\_, \_\_, \_\_, \_\_, \_\_

b) Count by 4 by adding 4 to each number:

7, 11, 15, \_\_, \_\_, \_\_, \_\_, \_\_, \_\_

2. Equal or not equal? Fill in the missing sign: = or  $\neq$

a.  $9 + 3 \square 3 + 9$

b.  $9 \times 3 \square 3 \times 9$

c.  $9 - 3 \square 3 - 9$

d.  $9 \div 3 \square 3 \square 9$

e.  $7 + 4 \square 2 + 9$

f.  $10 - 3 \square 12 - 4$

g.  $15 - 6 \square 20 - 8$

h.  $3 \times 3 \square 2 \times 6$

i.  $20 \div 4 \square 10 \div 2$

j.  $2 + 8 + 6 \square 3 + 9 + 4$

## Level 8

### Card 6

Use the number chart.

a) Count backwards by 3s, taking away 3 from each number:

24, 21, 18, \_\_, \_\_, \_\_, \_\_, \_\_

b) Count backwards by 4s, taking away 4 from each number:

44, 40, 36, \_\_, \_\_, \_\_, \_\_, \_\_, \_\_

c) Make equations to equal 20

$\square \times \square = 20$

$\square \div \square = 20$

$\square + \square = 20$

$\square - \square = 20$

$\square + \square - \square = 20$

$\square \times \square + \square = 20$

d) Make as many equations as you can to equal 15.

## Level 8

### Card 7

a)  $10 + 10 + 10 + 5 = \square$

b)  $10 + 10 + 10 + 10 + 9 = \square$

c)  $10 + 10 + 10 + 10 + 10 + 6 = \square$

d)  $20 + \square = 27$

e)  $50 + \square = 53$

f)  $40 + \square = 46$

g)  $30 + \square = 33$

h)  $27 = \square$  lots of 10 +  $\square$

i)  $45 + \square$  lots of 10 +  $\square$

j)  $63 = \square$  lots of 10 +  $\square$

k)  $57 = \square$  lots of 10 +  $\square$

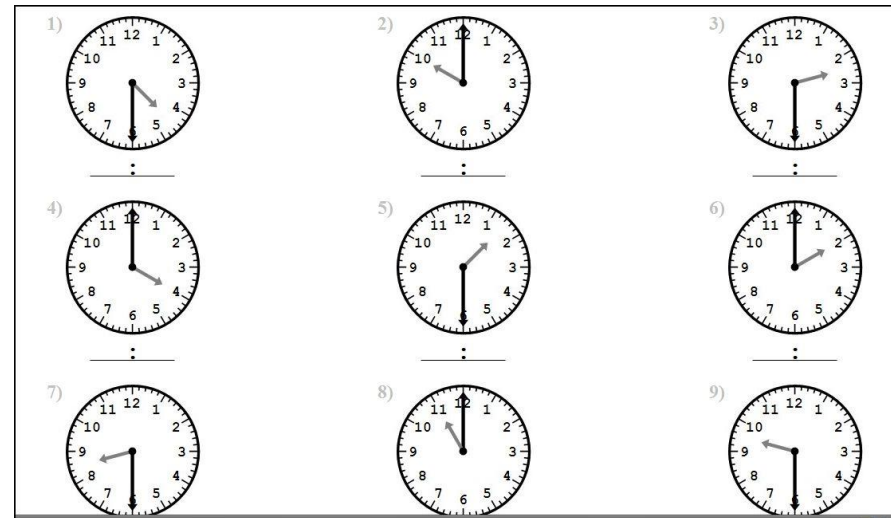
l)  $81 = \square$  lots of 10 +  $\square$

m)  $97 = \square$  lots of 10 +  $\square$

## Level 8

### Card 8

What is the time on these clocks?



What is the time in digital time?

Half past 4 = 4.30

Ten o'clock =

Four o'clock =

Two o'clock =

11 o'clock =

Half past 2 =

Half past 1 =

Half past 8 =

Half past 9 =

## Level 8

### Card 9

a) See how fast you can work these out. Use your fingers if you like. These are good to learn from memory.

$$1 + \square = 10$$

$$2 + \square = 10$$

$$3 + \square = 10$$

$$5 + \square = 10$$

$$6 + \square = 10$$

$$7 + \square = 10$$

$$8 + \square = 10$$

$$9 + \square = 10$$

b) Use counters for these:

$$7 + \square = 5 + 5$$

$$6 + \square = 7 + 2$$

$$9 - \square = 15 - 10$$

$$14 - \square = 2 + 8$$

$$4 + \square = 12 - 6$$

## Level 8

### Card 10

a) Work these out by counting:

$$25 + 10 = \square$$

$$63 + 10 = \square$$

$$74 + 10 = \square$$

$$21 + 10 = \square$$

$$52 + 10 = \square$$

$$83 + 10 = \square$$

b) Count backwards for these:

$$67 - 10 = \square$$

$$59 - 10 = \square$$

$$71 - 10 = \square$$

$$32 - 10 = \square$$

$$27 - 10 = \square$$

$$84 - 10 = \square$$

c) Use the number chart for these:

$$84 + 4 = \square$$

$$72 + 3 = \square$$

## Level 8

### Card 11

a) Use the number chart:

$$29 + 2 = \square \quad 56 + 5 = \square$$

$$74 + 3 = \square \quad 92 + 4 = \square$$

b) Brackets tell you to do whatever is inside the brackets FIRST.

$$(3 \times 4) + 2 = \square$$

$$(6 \times 2) + 5 = \square$$

$$(7 \times 5) + 3 = \square$$

$$(10 \times 3) + 2 = \square$$

$$(5 \times 4) + 7 = \square$$

$$(16 \div 4) + 1 = \square$$

$$(18 \div 2) + 1 = \square$$

$$(12 \div 3) + 1 = \square$$

$$(20 \div 5) + 1 = \square$$

$$(18 \div 3) + 1 = \square$$

$$(10 \div 2) + 1 = \square$$

## Level 8

### Card 12

a) Count by 2s from 122 to 134.

b) Count by 5s from 115 to 140.

c) Remember: Brackets FIRST.

$$6 - (3 - 1) = \square$$

$$4 + (2 - 0) = \square$$

$$7 - (2 \times 2) = \square$$

$$8 - (4 + 2) = \square$$

d) Work out the side without the missing number FIRST:

$$6 + 4 = \square + 3$$

$$4 + 2 = 3 + \square$$

$$\square + 5 = 2 + 7$$

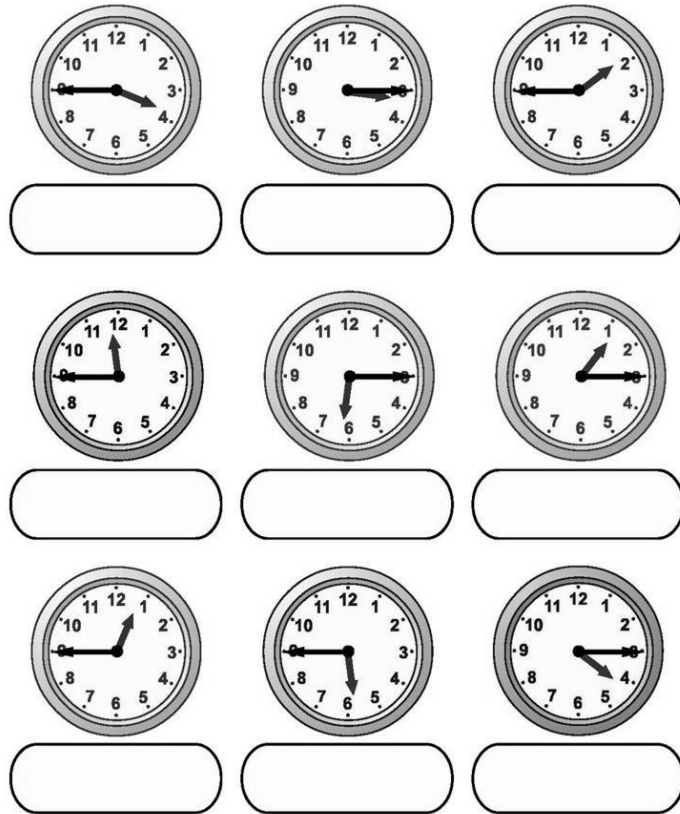
$$3 + \square = 9 + 1$$

$$4 + 3 = \square + 5$$

$$\square + 5 = 10 + 1$$

$$0 + 9 = \square + 8$$

**Level 8**  
**Card 13**



Tell the time:  
Quarter to  or quarter past   
Then in digital time.

**Level 8**  
**Card 14: Test** (*Use a number chart and counters*)

- Two more than 113 =
- $74 + 3 = \square$
- $40 + \square = 46$
- Make up equations that equal 12  
 $\square \times \square = 12$   
 $\square \div \square = 12$   
 $\square + \square = 12$   
 $\square - \square = 12$
- Put in the missing sign:  $5 \square 2 = 3$
- 4 lots of 3 and 4 more =
- Put in the sign = or  $\neq$   
 $7 + 4 \square 9 + 11$
- $(3 \times 4) + 2 = \square$
- $8 - (3 - 1) = \square$
- What is the time?

