

Level 6 Card 1

a) Write the missing words:

six, _____, eight, nine

two, _____, six, eight

b) Count backwards from 17 to 11.

c) Draw sets for these:

$$2 \times 4 = 8$$

$$3 \times 6 = 18$$

$$7 \times 2 = 14$$

d) $2 + 2 + 2 = \square \times 2$

$$3 + 3 + 3 + 3 = \square \times 3$$

$$4 + 4 = \square \times 4$$

e) Write these another way:

$$5 - 4 = 1 \quad 1 = \square - \square$$

$$7 - 4 = \square \quad \square = \square - \square$$

$$12 - 6 = \square \quad \square = \square - \square$$

Level 6 Card 2

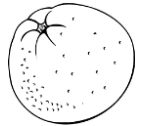
a) Put 15 counters in a line. What comes between the 11th and the 13th counter?

b) Now add 4 more counters to the line. How many counters?

c) What comes between the 15th and the 17th counter?

d) Sharing

Draw 3 men. Cut out 6 oranges.



Share 6 oranges between 3 men.

6 oranges shared between 3 men = \square each.

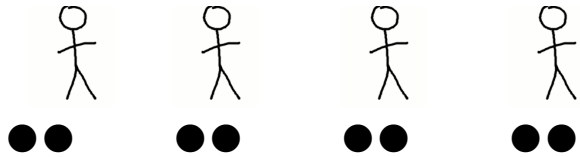
e) 8 buns shared between 4 children. How many each? (Use counters for buns.)

Level 6 Card 3

a) Count by ones to 50. Use the number chart.

b) Count by 2s to 40.

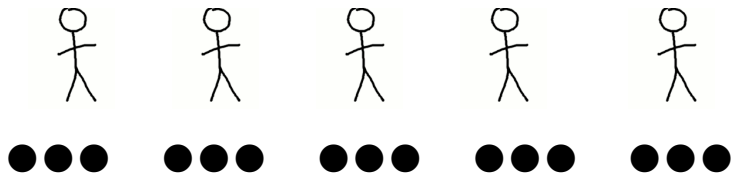
c) Sharing



8 shared between 4 men = each



shared between men = each



shared between men = each

Level 6 Card 4

a) Count to 50 by 10s. Use the number chart.

b) Count to 50 by 5s.

c) Write the equations:



$$\square \times \square = \square$$



$$\square \times \square = \square$$



$$\square \times \square = \square$$

d) Add and take away

$$3 + 5 - 2 = \square$$

$$9 + 3 - 4 = \square$$

$$7 + 8 - 6 = \square$$

$$11 + 3 - 5 = \square$$

$$13 + 4 - 7 = \square$$

Level 6 Card 5

- a) 10, __, 30, ____, 50
b) 18, 20, 22, __, __, __, 30

- c) 15 how many 5s?
20 how many 5s?
12 how many 4s?
18 how many 2s?

- d) $3 \times 4 = \square$ $2 \times 9 = \square$
 $5 \times 3 = \square$ $3 \times 6 = \square$

- e) $\square \times \square = 15$ $\square \times \square = 15$
●●● ●●● ●●● ●●● ●●●
●●●●● ●●●●● ●●●●●

- f) $\square \times \square = 16$ $\square \times \square = 16$ $\square \times \square = 16$
●●●●●●●● ●●●●●●●●
●●●● ●●●● ●●●● ●●●●
●● ●● ●● ●● ●● ●● ●● ●●

Level 6 Card 6

- a) Which is the biggest number? 21 or 12
b) Which is the smallest number? 15 or 25?

- c) What makes 9?

$$\square + \square + \square = 9$$

$$\square + \square + \square = 9$$

$$\square + \square + \square = 9$$

$$\square + \square + \square = 9$$

$$\square + \square + \square = 9$$

- d) Find the missing number using counters.

$$7 + \square = 11$$

$$8 + \square = 11$$

$$6 + \square = 12$$

$$7 + \square = 12$$

$$\square + 4 = 10$$

$$\square + 5 = 10$$

$$\square + 2 = 6$$

$$\square + 3 = 6$$

- e) Make as many equations to equal 4. Use +, - and X.

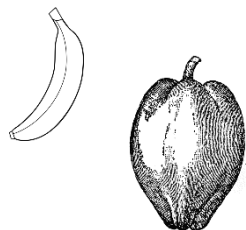
Level 6 Card 7

- a) Count by odd numbers from 1 to 21.
b) Count backwards from 20 to 0.

c) Shopping

A coconut costs 20 cents.

A banana costs 10 cents.



You have 8 ten cent coins.

Pretend that counters are coins.

Count how much money you have.

How many coconuts can you buy?

How many bananas can you buy?

d) Count by 10s

$$10 + 10 + 10 = \square$$

$$10 + 10 + 10 + 10 + 10 = \square$$

$$10 + 10 + 10 + 10 + 10 + 10 + 10 = \square$$

$$10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = \square$$

Level 6 Card 8

- a) Count by 5s to 50.

- a) Write the numbers for:

nineteen

seventeen

fourteen

thirteen

c) Shopping

You will need a 20 cent coin, a 50 cent coin, five 10 cent coins and ten 5 cent coins.

- Show how many 10 cent coins are the same as a 20 cent coin.
- Show how many 10 cent coins are the same as a 50 cent coin.
- Show how many 5 cent coins are the same as a 20 cent coin.
- Show how many 5 cent coins are the same as a 50 cent coin.
- Show how many 5 cent coins are the same as a 10 cent coin.

Level 6 Card 9

a) 16, 15, 14, ____, ____, ____, ____, ____, ____

b) 40, 50, 60, ____, ____, ____, ____

c) Make 2 sets of 5 and add 6 more

△△△△△ △△△△△ △△△△△△△

d) Now do the same for these:

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

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

$$4 \times 3 + 7 = \square$$

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

e) Use the number line to 20 for these:

$$15 + \square = 19$$

$$12 + \square = 15$$

$$\square + 11 = 13$$

$$\square + 9 = 14$$

$$17 + 3 = \square$$

$$15 + 4 = \square$$

Level 6 Card 10

a) Finish writing the words for:

13 thir_____

14 four_____

15 fif_____

16 six_____

17 seven_____

18 eigh_____

19 nine_____

b) The sign \div for sharing

$$6 \div 2 = 3$$



Now use counters to work out these:

$$6 \div 3 = \square$$

$$9 \div 3 = \square$$

$$10 \div 2 = \square$$

$$12 \div 6 = \square$$

$$8 \div 4 = \square$$

$$15 \div 5 = \square$$

Level 6 Card 11

a) What makes 10?

$$0 + \square = 10$$

$$1 + \square = 10$$

$$2 + \square = 10$$

Keep the pattern going up to

$$10 + \square = 10$$

b) What makes 20?

$$0 + \square = 20$$

$$1 + \square = 20$$

$$1 + \square = 20$$

Keep the pattern going up to

$$20 + \square = 20$$

c) Say it another way:

$$3 + 2 = 1 + \square$$

$$4 + 1 = 2 + \square$$

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

Level 6 Card 12

Work with counters.

a) Equations in pairs: plus, minus

$$7 + 2 = 9$$

$$9 - 2 = 7$$

$$5 + 7 = \square$$

$$12 - 7 = \square$$

Make up some more equation pairs like this.

b) Equations in pairs: X, ÷

$$3 \times 2 = 6$$

$$6 \div 2 = 3$$

$$4 \times 3 = \square$$

$$12 \div 3 = \square$$

Make up some more equation pairs like this.

c) Make up as many equations to equal 12.

Use +, -, X and ÷

d) Say it another way:

$$7 + 1 = 3 + \square$$

$$6 + 2 = \square + 5$$

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

Level 6 Card 13

- a) How many shoes on seven girls?
b) There are four vases and each vase has three flowers in it. How many flowers altogether?
c) Two pencil cases each have 5 pencils in them. There is a third pencil case that has 6 pencils. How many pencils altogether?

d) $3 \times 3 + 1 = \square$ $4 \times 2 + 1 = \square$
 $6 \times 2 + 2 = \square$ $2 \times 5 + 2 = \square$
 $3 \times 2 - 1 = \square$ $2 \times 7 - 1 = \square$
 $4 \times 2 - 2 = \square$ $1 \times 5 - 2 = \square$

e) $3 \times \square = 6$ $5 \times \square = 5$
 $4 \times \square = 12$ $3 \times \square = 9$

f) $6 \div \square = 3$ $10 \div \square = 2$
 $5 \div \square = 5$ $9 \div \square = 3$

Level 6 Card 14 Test

a) Write this another way: $7 - 4 = \square$
 $\square + \square = \square$

b) Draw this in sets:
 $3 \times 4 = 12$

c) Write the equation:
 $\triangle \triangle \quad \triangle \triangle \quad \triangle \triangle \quad \triangle \triangle$
 $\square \times \square = \square$

d) Share 8 buns between 4 men. How many each?

e) $15 \div 5 = \square$

f) $13 + 4 - 7 = \square$

g) $7 + \square = 12$

h) $4 \times 3 + 7 = \square$

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

j) Make up 6 equations to equal 4.