Complete the final calculation.
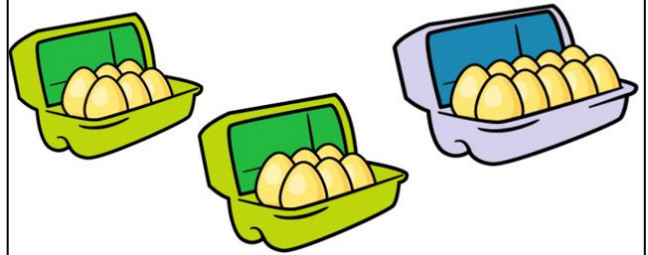
$8 + 8 = 16$

$8 + 3 = 11$

$8 - 3 = \underline{5}$

Eggs are sold in boxes of 6 and boxes of 10

Mr Taylor buys these boxes.

He shares the eggs into 2 bowls.

How many eggs are in each bowl?

$6 + 6 + 10 = 22$

$22 \div 2 = \underline{11}$

Altogether there are 30 apples and bananas in a basket.

There are 18 apples in the basket.

How many more apples than bananas are there?

Apples: 18

$30 - 18 = 12$

Bananas: 12

$18 - 12 = \underline{6}$

Complete the missing numbers.

$60 + 5 = \boxed{65}$

$6 + 50 = \boxed{56}$

$\underline{60 + 15} = 50 + \boxed{25}$
75

$\underline{60 - 15} = 50 - \boxed{5}$
45

James has £68

Mo has £42

James gives Mo some money.

James and Mo now have the same amount of money.

How much money does James give Mo?

68 + 42 = 110

110 ÷ 2 = 55

So, James and Mo will both have £55

Find the difference between 68 and 55:

68 – 55 = **13**

Lee reads a book.

The book has 60 pages.

- On Monday, Lee reads 10 pages
- On Tuesday, he reads 5 more pages than he did on Monday
- On Wednesday, he finishes the book

How many pages does he read on Wednesday?

Monday: 10 pages

Tuesday: 15 pages (10 + 5)

10 + 15 = 25

60 – 25 = **35**

Ellen has 45 sweets.

She shares the sweets equally between 5 jars.

How many sweets are there in 2 jars?

45 ÷ 5 = 9

There are 9 in each jar.

9 + 9 = **18** (18 in 2 jars)

Amir has three number cards.

🔴 is 12 less than 🔺

💜 is 32 more than 🔴

🔺 is equal to 25

What is the sum of the three cards?
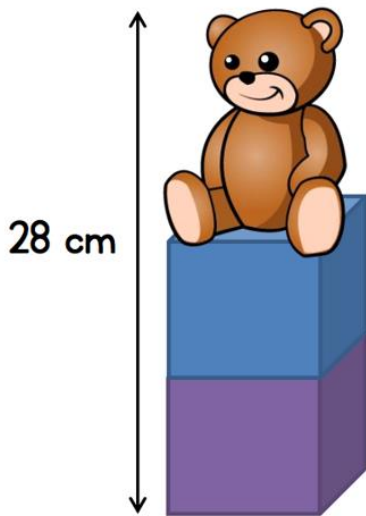
Triangle = **25**

Circle: 25 – 12 = **13**

Heart: 13 + 32 = **45**

Sum: 45 + 25 + 13 = **83**

A teddy sits on top of two cubes.

The teddy is 12 cm tall.

Each cube has the same height.

28 cm

What is the height of each cube?

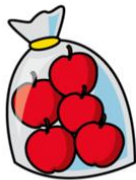Height of two cubes:

(28cm – teddy height)

28 – 12 = **16**

One cube:

16 ÷ 2 = **8cm**

Max has some apples.

Here is a quarter of his apples.

How many apples did he have in total?

5 apples in the bag

A quarter means: 'one part out of 4'

5 x 4 = 20

Leo saves this money each day.

Leo wants to buy these items.

17p

38p

How many days will it take Leo to buy both items?

He saves **5p** a day (2p + 2p + 1p)

38 + 17 = **55**

55 ÷ 5 = **11**

The six numbers are used to make a multiplication and division sentence.

| 2 | 5 | 6 | 8 | 16 | 30 |

Complete the sentences.

□ × □ = □

□ ÷ □ = □

Multiple answers:

5 x 6 = 30   2 x 8 = 16

16 ÷ 8 = 2   30 ÷ 6 = 5

6 x 5 = 30   8 x 2 = 16

16 ÷ 2 = 8   30 ÷ 5 = 6

The scales are balanced.
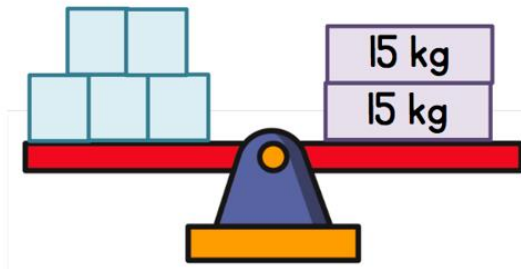
Each ☐ block has the same mass.

What is the mass of one of the blocks?

15 + 15 = 30

As they are balanced, both sides must be 30kg.
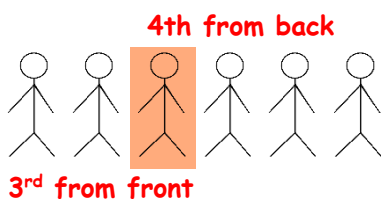
30kg ÷ 5 = 6kg

Tim is standing in a line of children.

He is the 3rd person from the front of the line.

He is the 4th person from the back of the line.

How many children are in the line?

4th from back

3rd from front

6 children in the line!

---

5 bananas cost £2

£2

A pineapple costs £3

£3

How much do 20 bananas and 3 pineapples cost in total?

4 bunches of (5) bananas needed.

£2 x 4 = £8 (20 bananas)

£3 x 3 = £9 (3 pineapples)

£8 + £9 = £17

Part of a number grid is shown.

1st row	1	2	3	4	5
2nd row	6	7	8	9	10
3rd row	11	12	13	14	15

What will the last number in the 7th row be?

Last numbers are 5 times table

5 x 7 = 35

Here are some symbols.

$$= \quad < \quad >$$
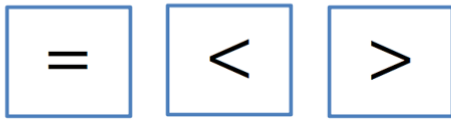
Write the correct symbol in each box.

5×4 **=** 4×5
20   20

$72 - 28$ **>** $72 - 29$
44   43

$2 + 2 + 2 + 2$ **>** 3×2
8   6

Note: for the second one, you don't actually need to calculate each side. 72 – 29 is nearly the same as 72 – 28 but you are **subtracting one more** so that side must be smaller).

Work out the missing values.

$5 \times 5 = 25$

$8 + 8 = 16$

$5 + 8 = $ **13**

$5 \times 8 = $ **40**

The table shows the mass of four dogs.

Dog	Mass
Casper	26 kg
Rusty	15 kg
Oliver	42 kg
Bumper	38 kg

What is the *difference* between the mass of the lightest and heaviest dog?

Lightest dog: 15kg

Heaviest dog: 42kg

Find the difference:

42 – 15 = 27kg

Sol has 75 grapes.

He eats 12 and gives some to his mum.

He has 40 grapes left.

How many does he give to his mum?

75 – 12 = 63

63 – 40 = **23**

Tim has 12 more stickers than John.

John has 20 stickers less than Filip.

John has 18 stickers.

How many stickers do they have altogether?

John: **18** stickers

Tim: 18 + 12 = **30** stickers

Filip: 18 + 20 = **38** stickers

(because Filip has 20 more than John)

38 + 18 + 30 = 86

Apples come in bags of 4 and bags of 5

Tim has 50 apples altogether.

He has five bags of 4 apples.

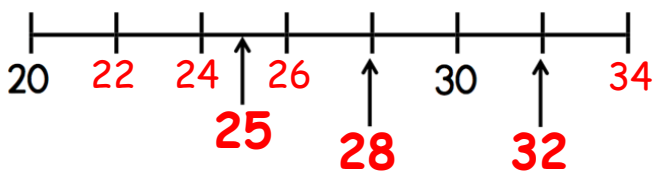How many bags of 5 apples does Tim have?

5 bags of 4 apples:

5 x 4 = 20

50 – 20 = 30

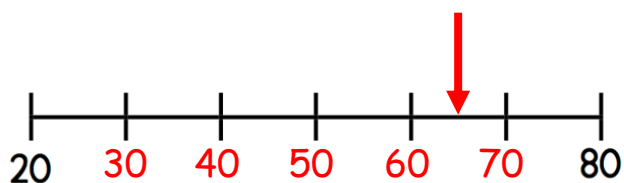So, 30 left in bags of 5.

30 ÷ 5 = **6**

Here is a number line.

20 22 24 26 30 34

25 **28** **32**

What numbers are the arrows pointing to?

20 30 40 50 60 70 80

Draw an arrow to the number 65

Note: It can be a good idea to fill in all missing parts of number lines in questions like this.

Use the numbers to complete the sentence.

186   861   681   168

861 > **681** > **186** > **168**

Sophie reads 416 pages of her book.

She reads 127 more pages than Mo.

How many pages does Mo read?

Sophie: 416 pages

Mo reads 127 less than Sophie

Mo: 416 – 127 = 289

Jack has a piece of string.

He cuts seven equal pieces of 5 cm.

He has 4 cm of string left.

How long was the piece of string to start with?

5cm x 7 = 35cm

35cm + 4cm = 39cm

Work out the missing value.

🐢 + 🐢 + 🐢 = 24

🦉 + 🦉 + 🦉 + 🦉 = 12

🐘 + 🐘 = 20

🐢 + 🦉 + 🐘 = **21**

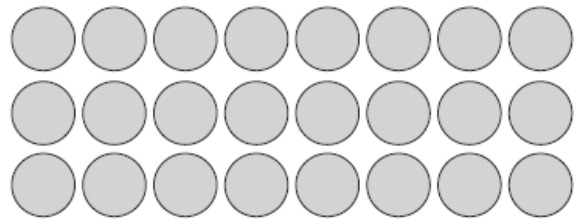**Elephant must be 10**

Owl must be 3 (12 ÷ 3 = 4)

Turtle must be 8 (24 ÷ 3 = 8)

8 + 3 + 10 = 21

Here is an array of counters.

Use the array to complete the mathematical statements.

3 × 8 = **24**
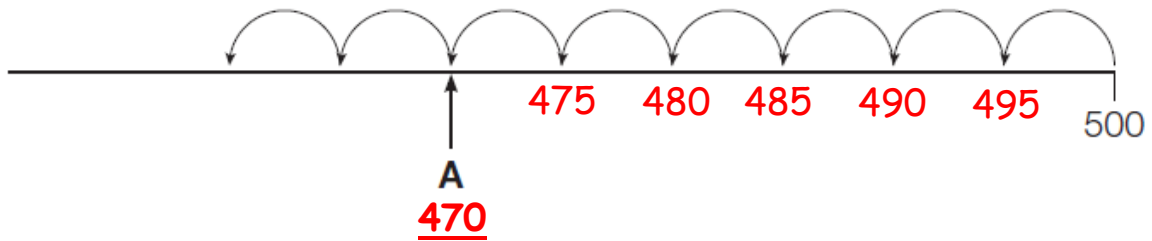
8 × **3** = **24**

24 ÷ 8 = **3**

24 ÷ **3** = 8

Kate is counting backwards in 5s from 500

475   480   485   490   495   500

A
470

What number is A pointing to?

Put the **same** digit in each box to make the statements correct.

34**5** < 3**5**4

6**5**3 > **5**63

5 is the only possible answer.

Libby has 430 marbles.

Jamal has 121 fewer than Libby.

Jamal is trying to collect 500 marbles.

How many more marbles does Jamal need?

Libby: 430 marbles

Jamal: 430 – 121 = 309

(Remember: 'fewer than' means 'less mean')

500 – 309 = **191**

(Counting on would also work here)

Jamal needs **191** more marbles.