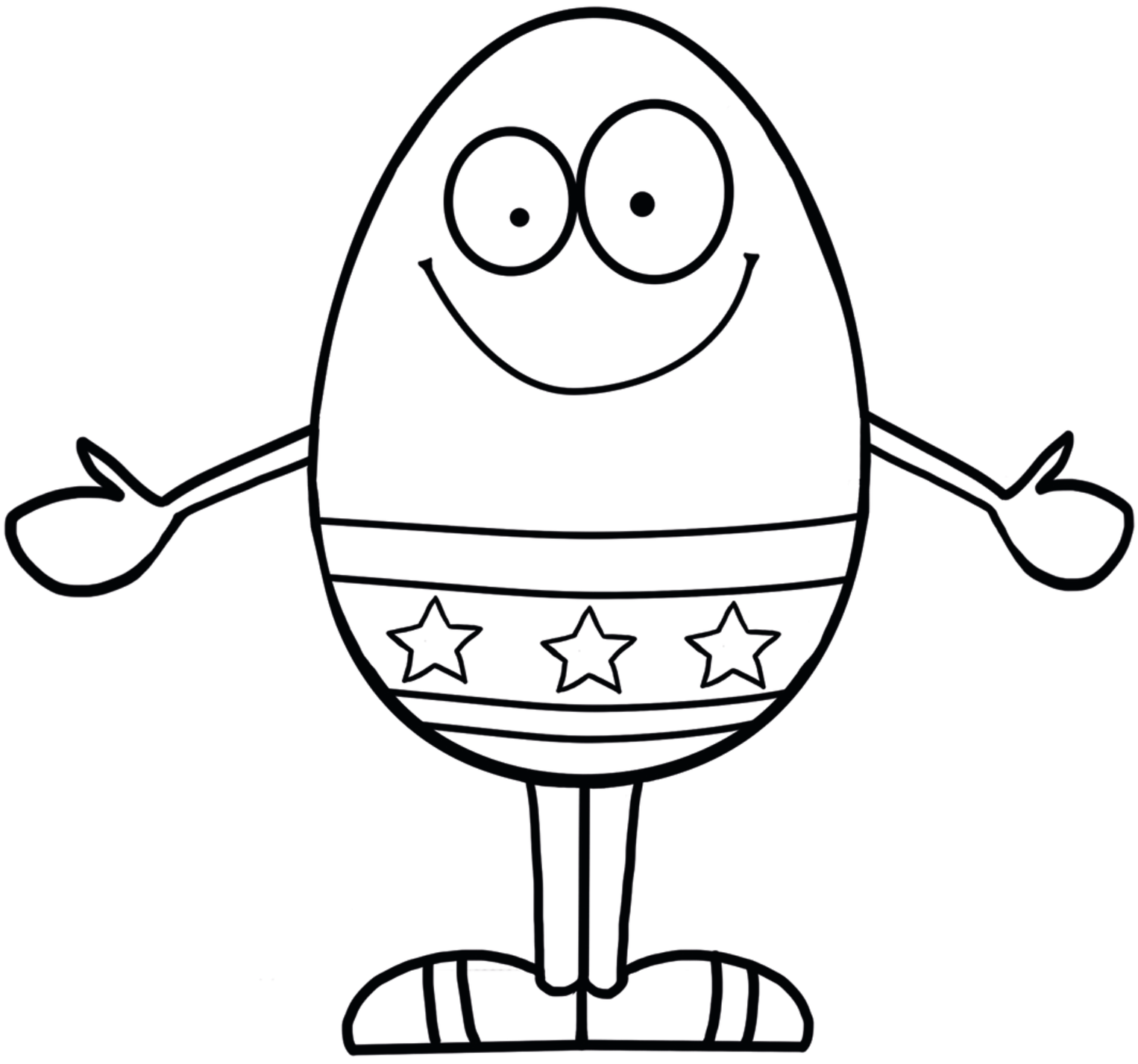
KS2 SAT Revision

Ten for Ten

Easter Practice Booklet

MATHEMATICS



EGG-CEEDING

Name: _____

Ten for Ten

Easter Practice Booklet
KS2 Mathematics

The SATs are just around the corner, but no need to panic! Just use this booklet to do your 10 minutes practice for 10 days during the Easter holiday and you'll be ready for action when you get back to school : D

Each day, after you've completed the arithmetic and the reasoning section, mark your work yourself using the answer pack or go through it with your parents. This is important so you know what you can do and what you still need to work on.

Good luck!

Day 1 - Arithmetic

1 3 x 6 x 0 x 8 =

1mark

2 34,805 - 56.07 =

1 mark

3 108,000 + 120 =

1 mark

4 30% x 2,300 =

1 mark

5 1 3 2 0 5 4

Show your method

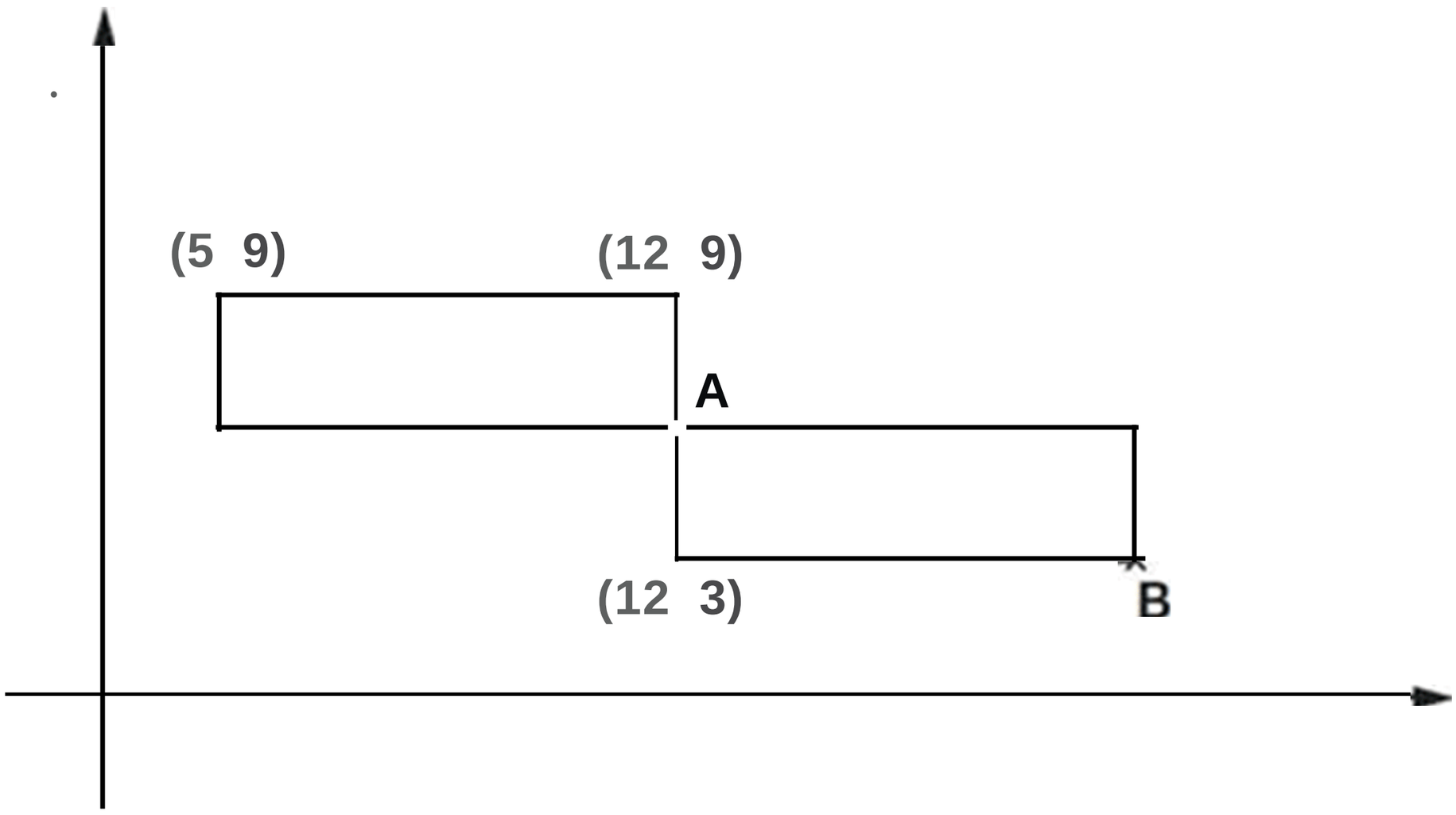
2 marks

6 80,000 - 1,600 =

1 mark

Day 1 - Reasoning

1 This diagram shows two identical rectangles on coordinate axes.



Write the **coordinates** of point **A** and point **B.**

A is (,)

B is (,)

2 ***11*** stands for a whole number.

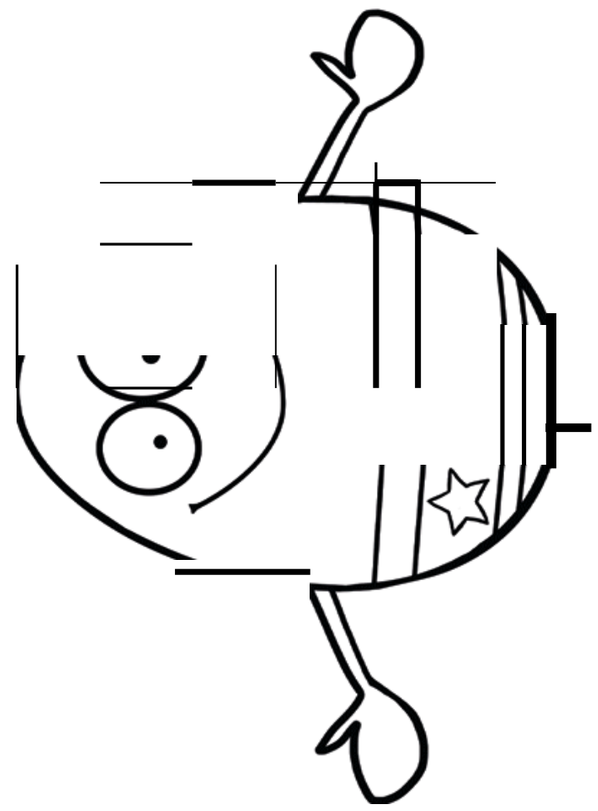
2n is greater than 30
5n is less than 100

Write **all** the numbers that ***11*** stands for.

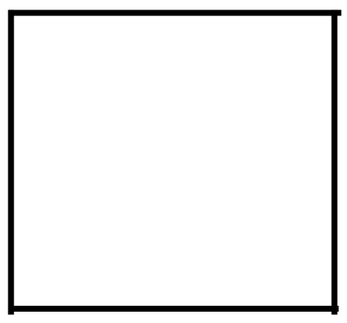
_____

3 Write the missing fraction.

$$\frac{1}{3} + \frac{1}{4} + \square - 1$$

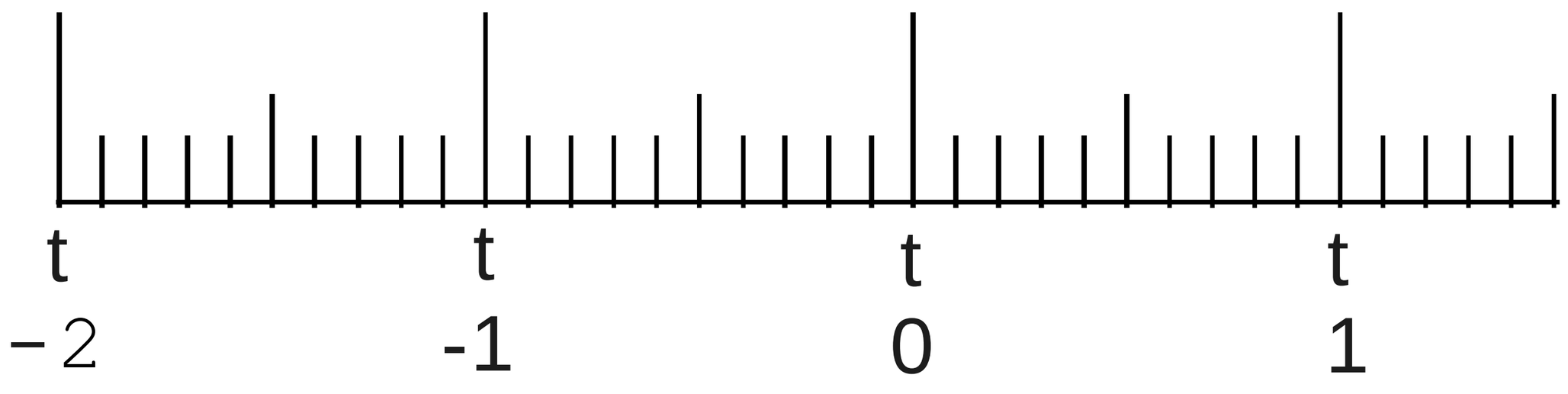


4 What is 10°/o of a half?



What percentage of 20 is 19?

5 Mark with arrows the points **-1.5** and **0.45** on the number line.



Day 2 - Arithmetic

1 50% of $\frac{1}{3}$ =

1 mark

2 **40,000 x 500 =**

1 mark

3 $\square$ = 1 - 0.089

1 mark

4 $\frac{3}{6} + \frac{1}{6} =$

1 mark

5 85% of 480 =

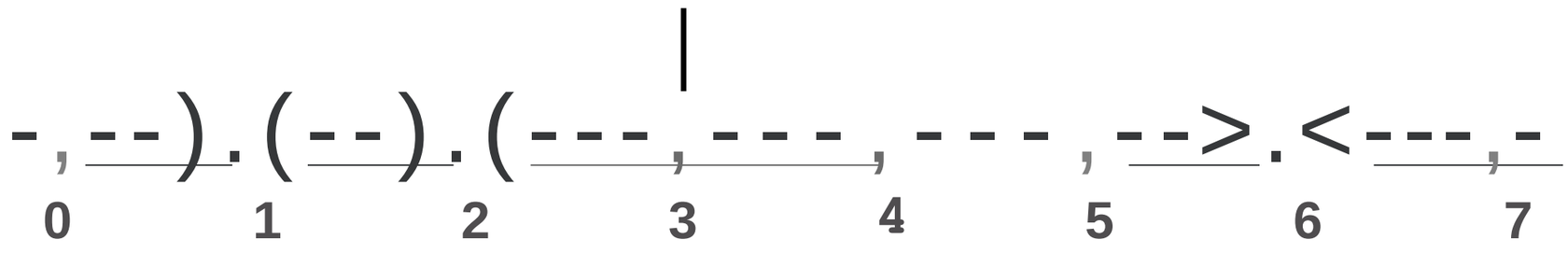
1 mark

6 **7,609 x 44 =**

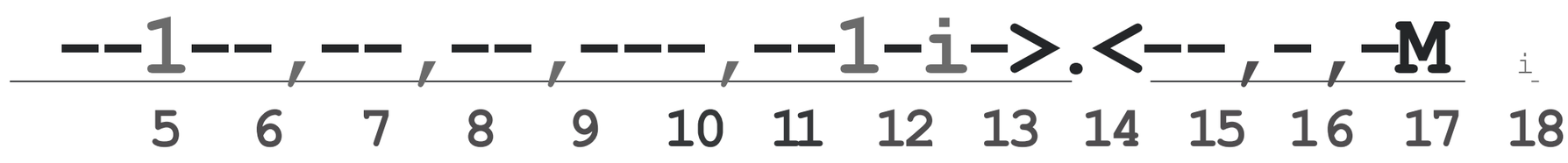
1 mark

Day 2 - Reasoning

1 The arrow below points to the **mean** of the three numbers shown by crosses.



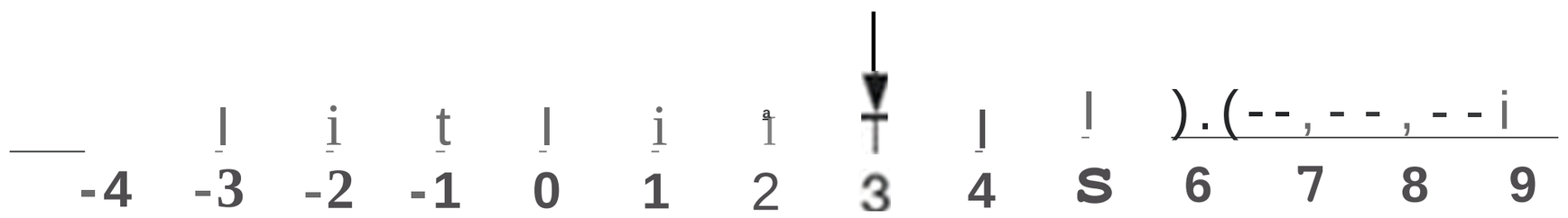
(a) Draw an arrow that points to the mean of the three numbers shown below.



(b) The arrow below points to the mean of three numbers.

One of the numbers is missing.

Draw a cross to show the position of the missing number.



2 Jack has two **square-based pyramids** that are the same size.

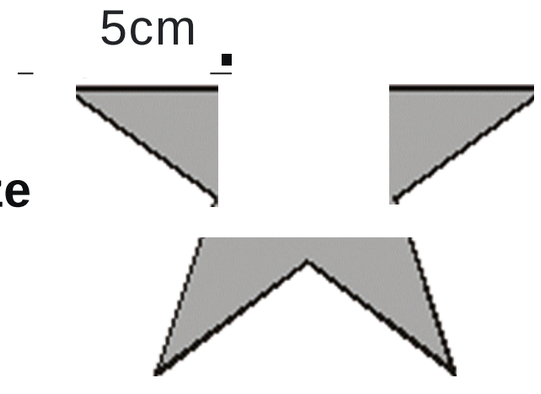
He sticks the square faces together to make a new 3-D shape.

How many **faces** and how many **edges** does his new 3-D shape have?

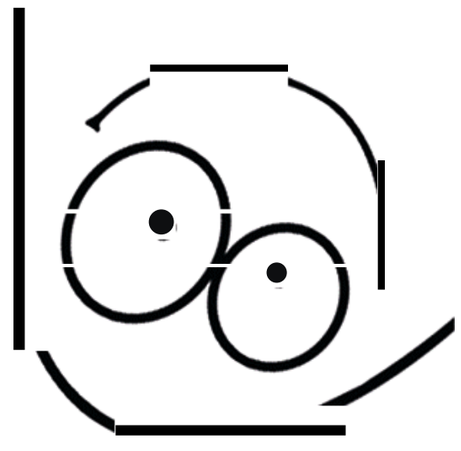
faces and **edges**

3 Millie has some star-shaped tiles.

Each edge of a tile is 5 centimetres long.



Not acrual size



She puts two tiles together to make this shape.

Work out the perimeter of Millie's shape.

cm

4 This is Kirsty's recipe for breakfast cereal.

50 grams of oats

30 grams of raisins

40 grams of nuts

If she uses 125 grams of oats, how many grams of raisins does she need?

Show your method

g

Day 3 - Arithmetic

1 $\frac{3}{5} \times \frac{5}{3} =$

____

____

1 mark

2 $209 \times 777 =$

☐

1 mark

3 $8{,}648 + 7{,}947 =$

☐

1 mark

4 9,924-=- 6 =

1 mark

5 $9 \times 3\frac{1}{4}$

1 mark

6 $\frac{6}{4}$ x **130** =

1 mark

Day 3 - Reasoning

1 Miss Mills is making jam to sell at the school fair.

Strawberries cost £7.50 per kg.

Sugar costs 79p per kg.

1O glass jars cost £6.90

She uses 12 kg of strawberries and 10 kg of sugar to make 20 jars full of jam.

Calculate the total cost to make 20 jars full of jam.

,r

Show your method

£

2 Write the missing number.

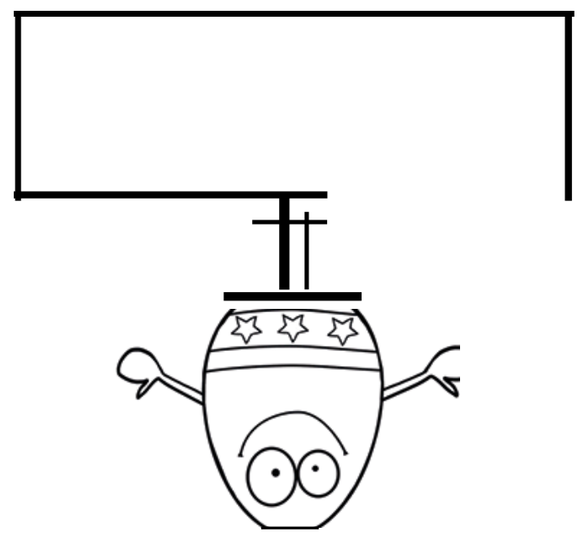
12.5 ÷ ☐ = 7.5 ÷ 1.5

3 $n = 22$

What is $2n + 9$?

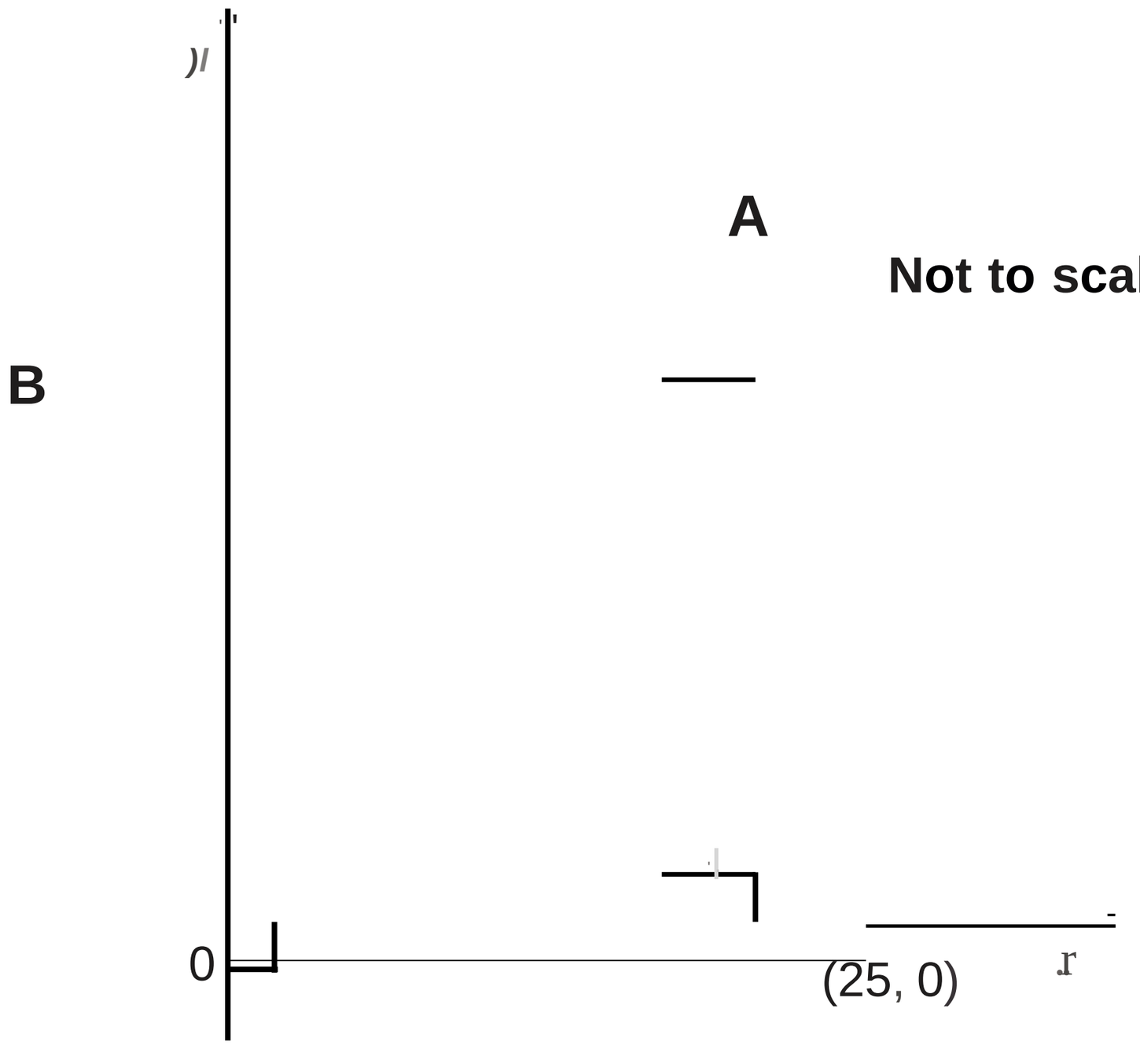
$2q + 4 = 100$

Work out the value of q.



$q =$

4 The diagram shows three **identical** shaded triangles on coordinate axes.



What are the coordinates of A and **B?**

A is (,)

B is (,)

Day 4 - Arithmetic

1 $\frac{10}{3} \div \frac{1}{3} =$

1 mark

2 $\frac{4}{5} - 0.65 =$

1 mark

3 $12 - 7.06 =$

1 mark

4 24 x 24 =

1 mark

5 11 + 11 =
5 6

1 mark

6 2 x 3 x 4 x 5 =

1mark

Day 4 - Reasoning

1 (a) Write numbers in the boxes to make this fraction calculation correct.

$$\frac{1}{\square} + \frac{\square}{5} = \frac{7}{10}$$

(b) Now write two **different** numbers to make the calculation correct.

$$\frac{1}{\square} + \frac{\square}{5} = \frac{7}{10}$$

2 Lara chooses a number less than 20

She divides it by 2 and then adds 6

She then divides this result by 3

Her answer is 4.5

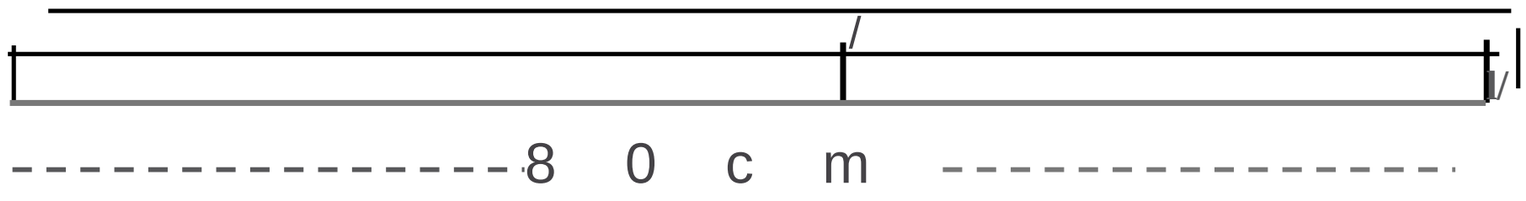
What was the number she started with?

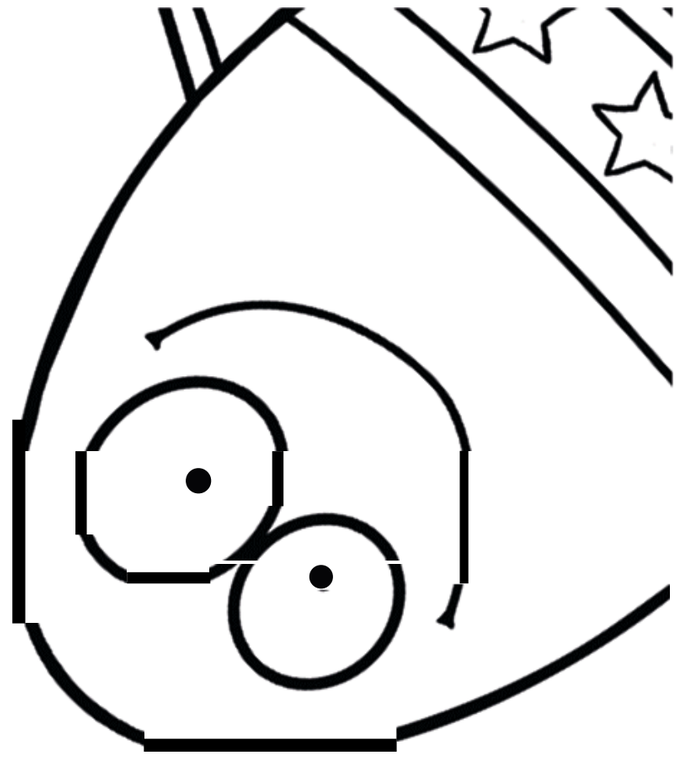
Show your method

3 Alfie has two sticks.

He puts them end to end.

Not actual size





One stick is **10cm longer** than the other stick.

How long are the two sticks?

Show your method

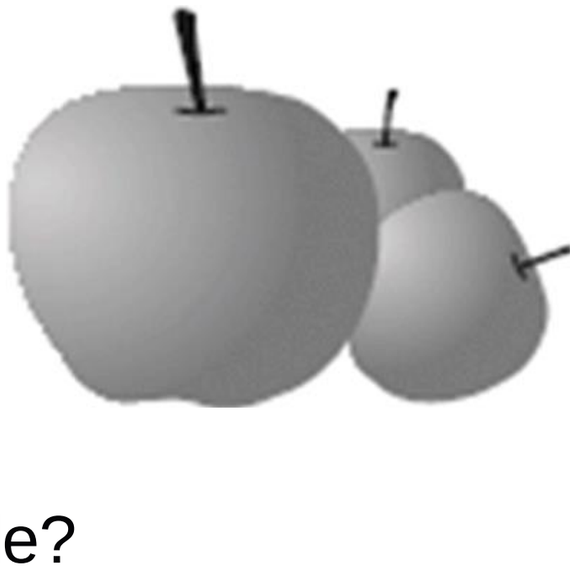
cm

c.m

4 Three apples have **a mean** (average) mass of 100 grams.

The largest apple is removed.

The **mean** mass of the remaining two apples is 70 grams.



What is the mass of the largest apple?

Day 5 - Arithmetic

1 $5 \times 5 \times 5 \times 5 =$

1mark

2 $\frac{20}{7} + \frac{30}{9} =$

1 mark

3 $43.1 - 8.89 =$

1 mark

4 $\frac{2}{3}$ of 270 =

1 mark

5 308,578 - 19,089 =

1 mark

6 $\frac{2}{3}$ ... **3** -

1 mark

Day 5 - Reasoning

1 Write the missing number.

70 : ☐ = 3.5

2 This sequence of numbers **goes up by 40** each time.

40 80 120 160 200 ...

This sequence continues.

Will the number **2140** be in the sequence?

Circle Yes or No.

'Yes / No

Explain how you know.

3 Here is part of the bus timetable from Riverdale to Mott Haven.

Riverdale	10:02	10:12	10:31	10:48
Kingsbridge	10:11	10:21	10:38	10:55
Fordham	10:28	10:38	10:54	11:11
Tremont	10:36	10:44	11:00	11:17
Mott Haven	10:53	11:01	11:17	11:34

How many minutes does it take the 10:31 bus from Riverdale to reach Mott Haven?

☐ **minutes**

Mr Evans is at Fordham at 10:30

What is the **earliest** time he can reach Tremont on the bus?

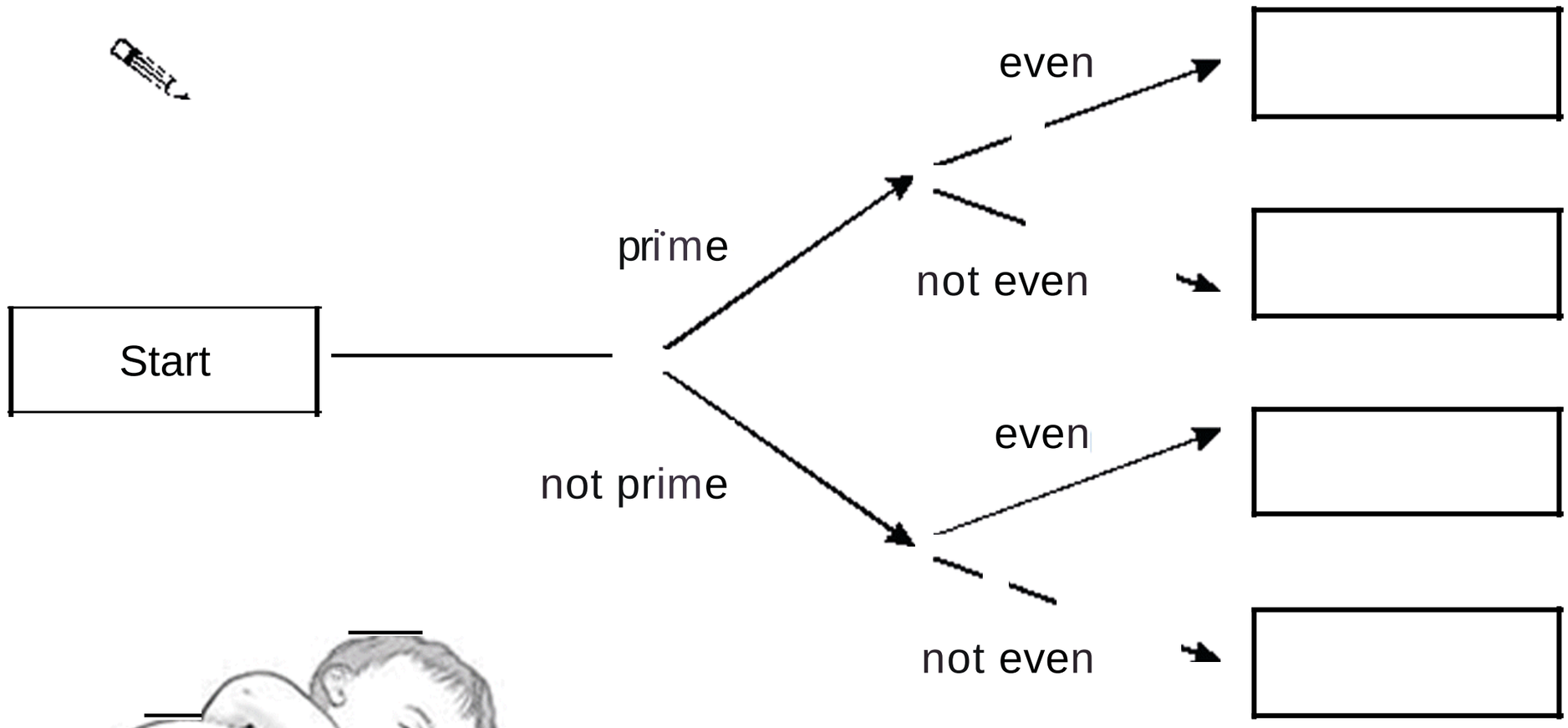
☐

4 Here is a diagram for sorting numbers.

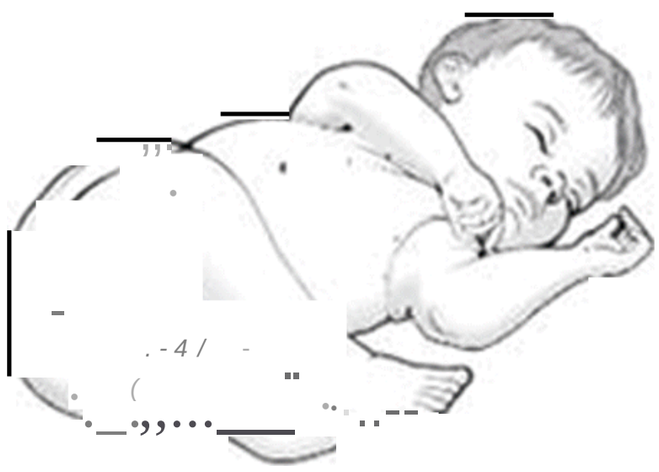
Write these three numbers in the correct boxes.

You may not need to use all of the boxes.

9 **17** **20**



5



How many **days** old will the baby be when she has lived for **one million seconds?**

,

Show your method

days

Day 6 - Arithmetic

1 0.69 + 2 =

1 mark

2 3 3 + 4 3 + 5 3 =

1mark

3 $\square - \frac{4}{6} + \frac{2}{6}$

1 mark

4 261,967 - 53,782 =

1 mark

5 3,036-=- 11 =

1 mark

6 $\frac{1}{5} \times \frac{1}{6} =$

1 mark