



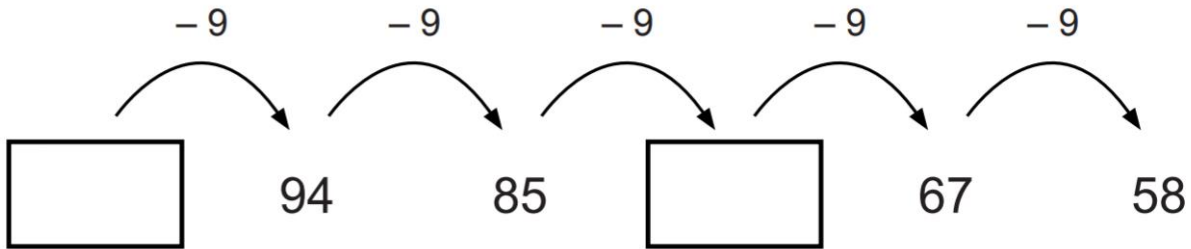
Rapid Reasoning

Year 4 Week 11



Rapid reasoning

Write the two missing numbers in this sequence.



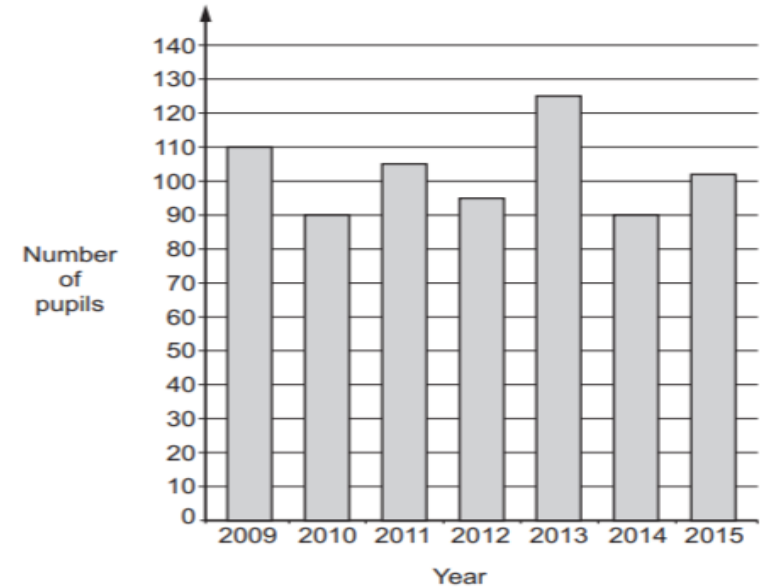
A number **multiplied by itself** gives the answer 81

Circle the number.

2 3 4 5 6 7 8 9

Monday

The graph shows the number of pupils at Park School in September from 2009 to 2015.



In how many years were there fewer than 100 pupils?

How many **more** pupils were there in 2013 than 2014?



Rapid reasoning

Monday Answers

Both numbers correct, as shown:

103 94 85 **76** 67 58

3

35

9

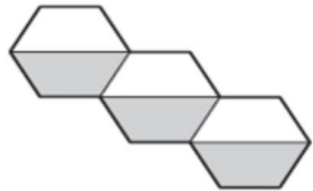


Rapid reasoning

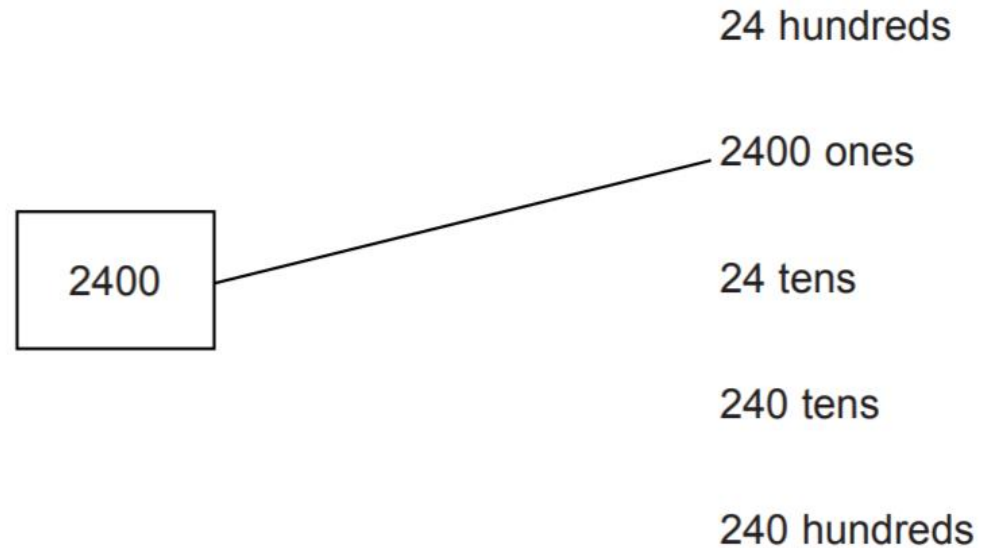
Tuesday

Here are three shapes made from regular hexagons.

Write the **fraction** of each shape that is shaded.



Draw **two more** lines to match 2400 to numbers with the same value.



How many football stickers does she have?

I went to the shop with a £10 note. After I had paid for my shopping, I gave £2.75 to my friend. I had £3.76 left. How much did I spend?



Rapid reasoning

Award **TWO** marks for three fractions correct as shown:

$$\frac{1}{4}$$

AND

$$\frac{1}{2}$$

AND

$$\frac{1}{3}$$

If the answer is incorrect, award **ONE** mark for two fractions correct.

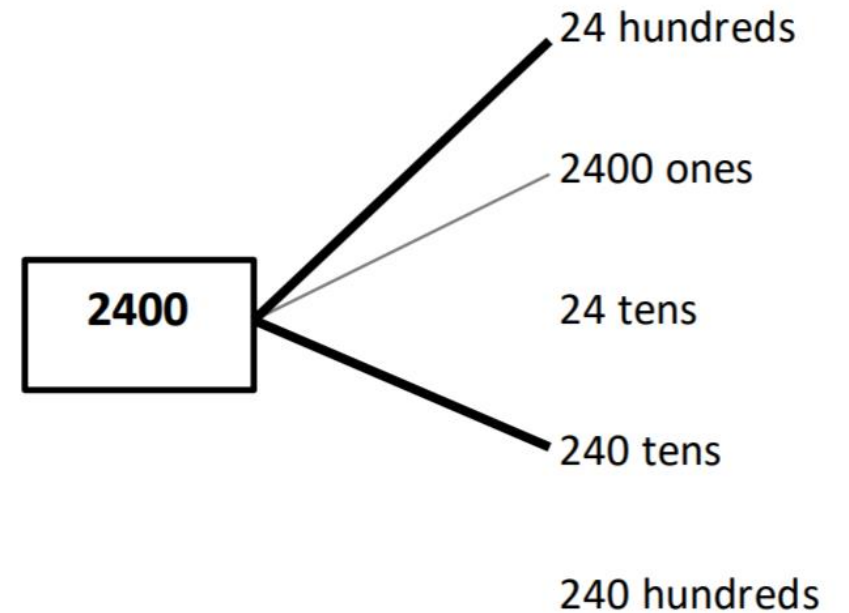
Accept equivalent fractions, eg

$$\frac{3}{6} \text{ for } \frac{1}{2}$$

$$\frac{2}{6} \text{ for } \frac{1}{3}$$

Tuesday Answers

Both lines drawn, as shown:



£3.49



Rapid reasoning

Wednesday

Use these signs.

= < >

Write the correct signs in the boxes.

4 × 4

2 × 8

8 × 7

9 × 6

5 × 7

5 × 5

10 × 6

6 × 10

Here is part of a number sequence.

The numbers in the sequence increase by 25 each time.

50 75 100 125 ...

Circle **all** of the numbers below that will appear in the sequence.

~~255~~ 650 735 900 995

Write the missing digits.

4		4
---	--	---

 +

3	8	
---	---	--

 =

8	5	1
---	---	---



Rapid reasoning Wednesday Answers

=
>
>
=

Four correct for 2 marks, or 2 correct for 1 mark

Two numbers circled as shown:

255 (650) 735 (900) 995

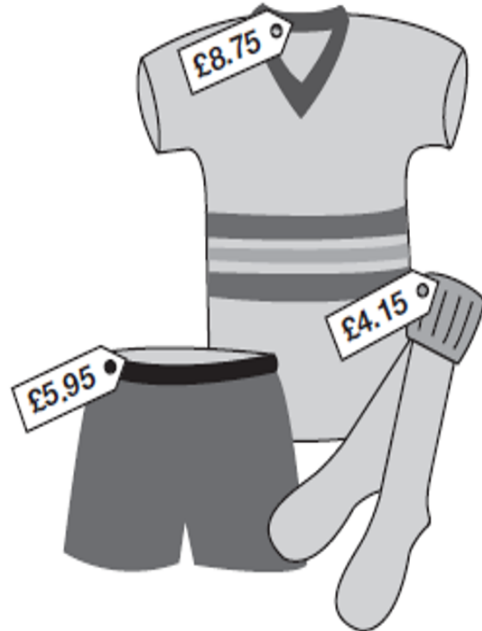
Digits written in boxes as shown:

$$4\boxed{6}4 + 38\boxed{7} = 851$$

Complete these calculations.

The table shows the cost of a new football kit.

Item	Cost
Shirt	£8.75
Shorts (1 pair)	£5.95
Socks (1 pair)	£4.15



Sarah draws a quadrilateral.

It has these properties:

- it has 2 long sides the same length;
- it has 2 short sides the same length;
- it does NOT have any right angles;
- it does NOT have reflective symmetry.

Write the **mathematical** name for Sarah's quadrilateral.

Which of these numbers give **80** when **rounded** to the **nearest 10**?

Circle all the correct numbers.

Altogether, how much does the complete football kit cost?

 84 87 72 76 90



Rapid reasoning

Thursday Answers

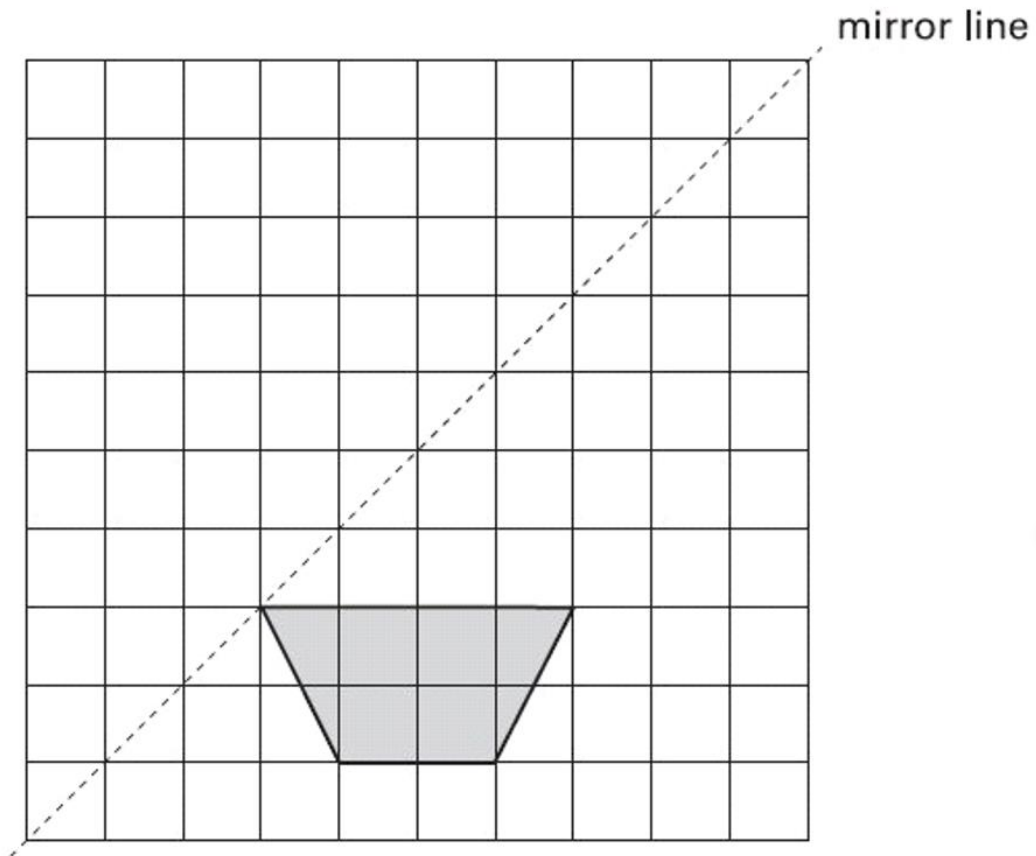
The
complete Kit
costs £18.85

- parallelogram



84 and 76

Draw the reflection of this shape.



Calculate $34 \times 3 - 77 =$

Which **two** fractions are equivalent to **0.6**?

$$\frac{6}{10}$$

$$\frac{1}{60}$$

$$\frac{60}{100}$$

$$\frac{1}{6}$$

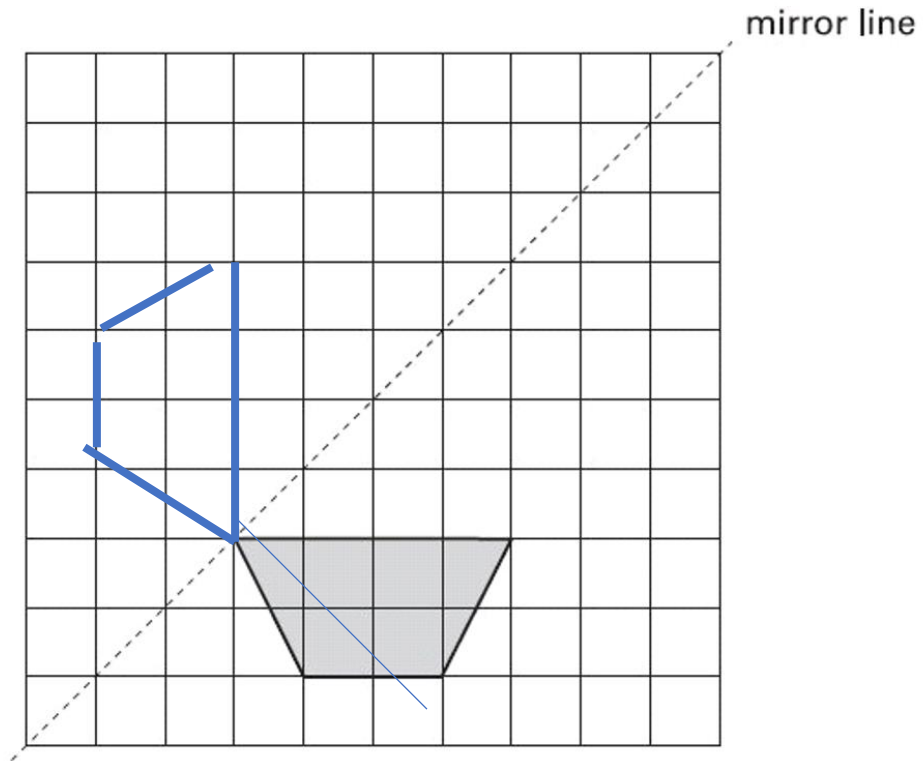


Rapid reasoning

Friday Answers

• 25

Draw the reflection of this shape.



Which **two** fractions are equivalent to **0.6**?

