

Sample Mathematics Familiarisation Booklet

**FOR INFORMATION ONLY.
SAMPLE NOT TO BE USED.**

SAMPLE FAMILIARISATION TEST

1. Batteries cost 89p each.

How much will 7 batteries cost?

A £7.83 B 96p C £6.23 D £5.63 E £6.41

2. A newspaper showed temperatures in 12 cities on a day in December:

London 5°C

Glasgow -3°C

Newcastle -6°C

Birmingham 4°C

Cardiff 6°C

Edinburgh -7°C

Leicester 3°C

Leeds -4°C

Southampton 7°C

Manchester -1°C

Liverpool 2°C

York -5°C

Which was the coldest?

A Manchester B Glasgow C York D Edinburgh E Newcastle

3. Which of the five large letters has **two** lines of symmetry?

I

K

U

Y

W

A

B

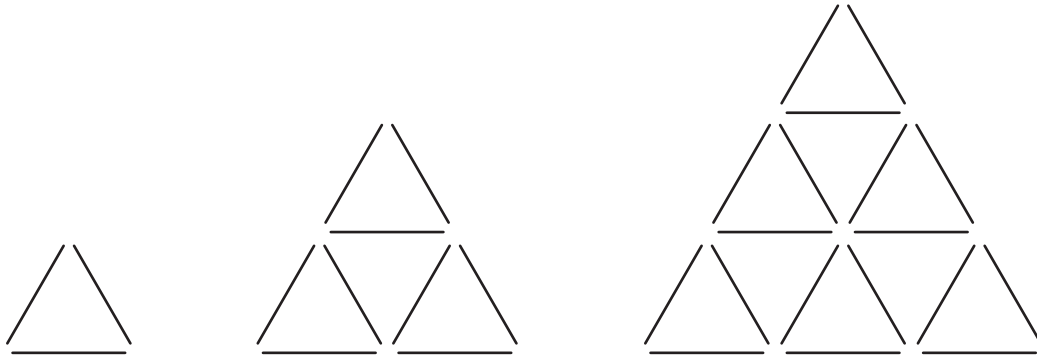
C

D

E

The above questions will have answers supplied and explanations as to why the answer is correct before the children continue.

4.



How many matchsticks are needed to make the next shape in this sequence?

- A 33 B 36 C 27 D 48 E 30

5. These are the months of the year:

January	February	March	April
May	June	July	August
September	October	November	December

What percentage of the months begin with J?

- A 18 B 25 C 20 D 9 E 14

6. There are 200 pupils at a school sports day.

$\frac{2}{5}$ of them run in the relay race.

How many pupils is this?

- A 100 B 40 C 50 D 80 E 25

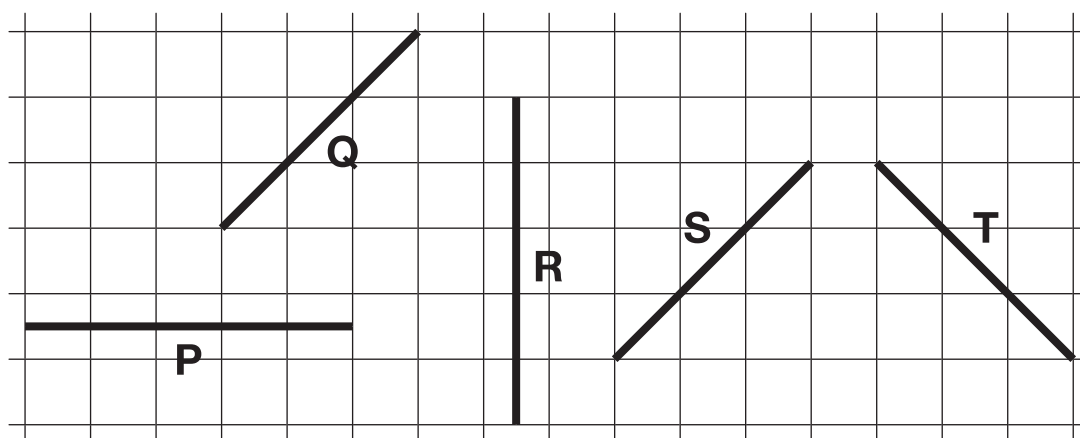
Children will then continue the sample familiarisation test on for 9 questions.

END OF SAMPLE FAMILIARISATION TEST

Please do not turn over until you are told to do so

SAMPLE MATHEMATICS

1.



Which of these statements is correct?

- A Line P is a vertical line.
- B Line R is a horizontal line.
- C Line Q is perpendicular to line P.
- D Line S is parallel to line T.
- E Line T is perpendicular to line Q.

2. A gardener looks after 100 flower beds.

She plants 412 bulbs in each bed.

How many bulbs does she plant?

- A 512 B 40,012 C 41,200 D 41,012 E 4120

3.

3	6	9
6	?	12
9	12	15

What is the missing number?

A 15 B 3 C 9 D 12 E 6

4. School books are being packed away in boxes.

Each box holds 48 books.

How many boxes are needed for 960 books?

A 912 B 20 C 1008 D 40 E 46,080

5. Which container will hold about 5 litres?

A a teapot.

B a bucket.

C a milk bottle.

D a teacup.

E a teaspoon.

6. I bought 8 small packets of sweets.

I was given 28p change from £1.

How much did each packet cost?

A 8p B 14p C 12p D 9p E 72p

Children will then continue on for 45 questions.

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