

# 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

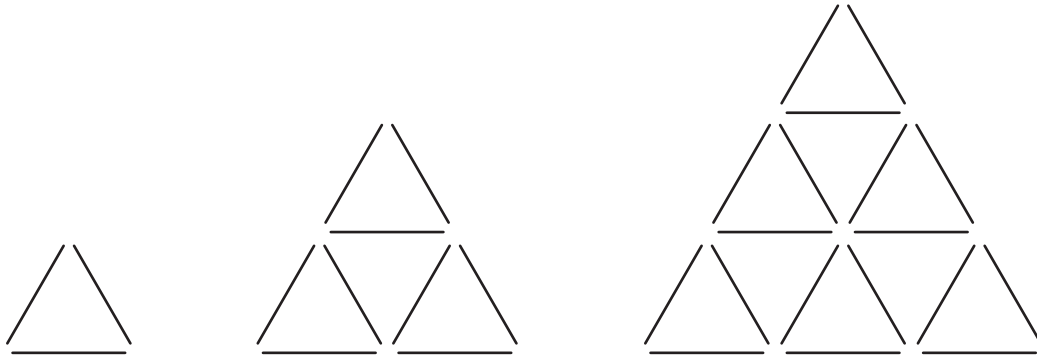
C

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

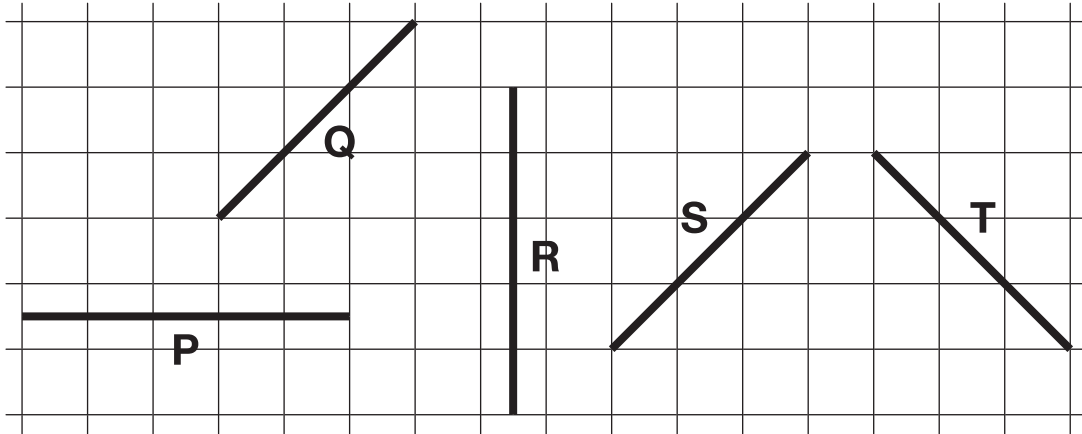
**Children will then continue the sample familiarisation test on for 9 questions.**

**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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Published by GL Assessment, The Chiswick Centre, 414 Chiswick High Road, London W4 5TF.



GL Assessment is part of Granada Learning Group.

Printed in Great Britain.  
Code 6860 013  
1(05.09)