

PPTC

Post Primary Transfer Consortium

Sample Mathematics

FAMILIARISATION BOOKLET

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

Sample Practice 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

At 9 am the room temperature is 19°C .
The temperature increases by 2°C per hour.

What is the temperature at 12 noon?

A 21°C

B 23°C

C 24°C

D 25°C

E 27°C

3

Which of the five large letters has two lines of symmetry?

I

K

U

Y

W

A

B

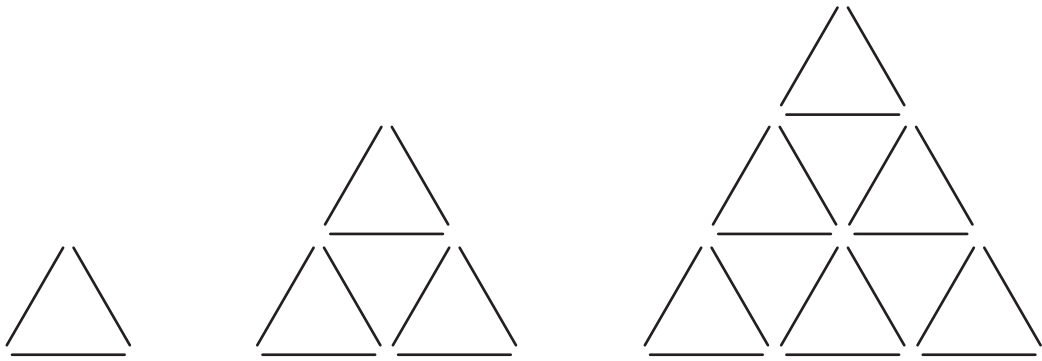
C

D

E

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

Which container will hold about 5 litres?

- A** a teapot
B a bucket
C a milk bottle
D a tea cup
E a teaspoon

6

There are 400 pupils at a school sports day.

$\frac{1}{5}$ of them run in the relay race.

How many pupils is this?

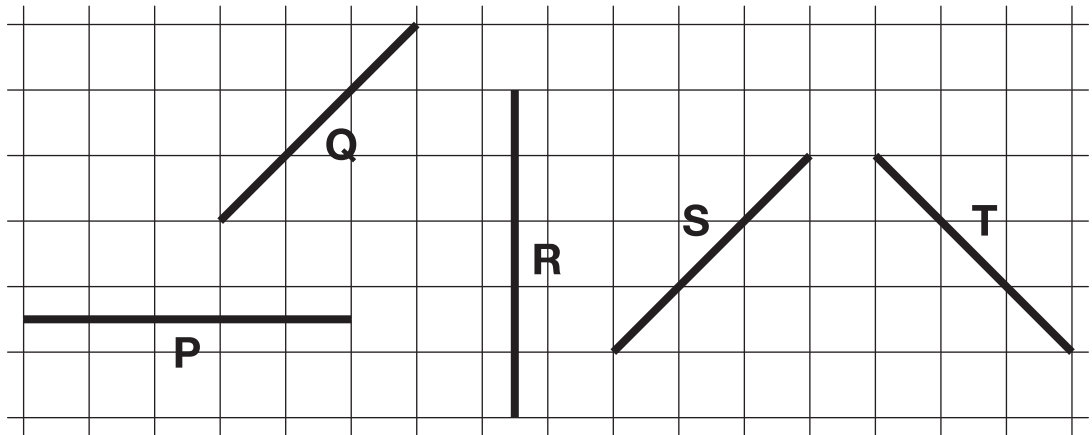
- A** 100 **B** 40 **C** 50 **D** 80 **E** 25

Pupils will then continue the practice test on for three more questions.



Sample Main Test

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

These are the months of the year:

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

What fraction of the months begin with J?

- A** $\frac{1}{3}$ **B** $\frac{1}{4}$ **C** $\frac{1}{6}$ **D** $\frac{1}{8}$ **E** $\frac{1}{12}$
-

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

Pupils will then continue on for 39 more questions.

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