PPTC
Post Primary Transfer Consortium

Sample Mathematics

FAMILIARISATION BOOKLET

FOR INFORMATION ONLY. SAMPLE NOT TO BE USED.
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 practice test on for three more questions.
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
What is the missing number?

A  15  B  3  C  9  D  12  E  6

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

Which container will hold about 5 litres?

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

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 39 more questions.