Fractions and Decimals

1

a) Shade $\frac{1}{5}$ of this shape:

b) Shade $\frac{2}{3}$ of this shape:

2   Tick the calculation that has the smallest answer.

☐ $\frac{1}{4}$ of 20   or   ☐ $\frac{1}{3}$ of 18

Explain how you know.

_____

3 Pia has 20 apples.

$\frac{3}{4}$ of her apples are red.

How many red apples does Pia have?

4 Tom and Ben share a bar of chocolate.

Tom has $\frac{1}{8}$ Ben has $\frac{3}{8}$

What fraction of the bar is left?

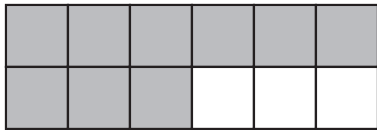| |
|---|
| |

Fractions and Decimals

5 Jenny spends $\frac{1}{2}$ hour on her reading and $\frac{3}{4}$ hour on her maths homework.

How many hours does she spend studying in total?

hours

1 mark

6

Complete these fractions to show how much of the grid is shaded:

$$\frac{\square}{12} = \frac{3}{\square}$$

2 marks

7 Write <, > or = between each pair of fractions.
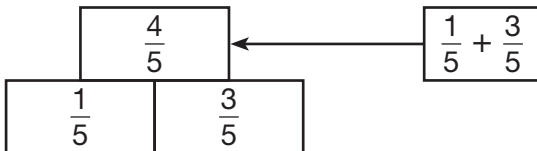
$\frac{5}{7}$ ☐ $\frac{10}{14}$ $\frac{3}{8}$ ☐ $\frac{10}{24}$ $\frac{2}{5}$ ☐ $\frac{12}{25}$

3 marks
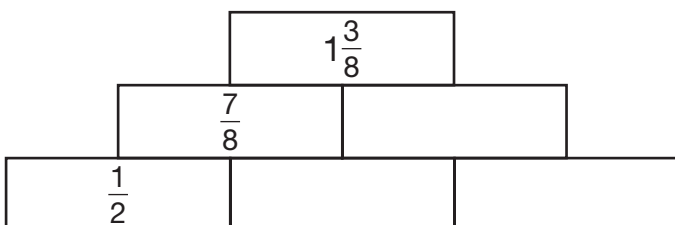
8 In an addition wall, you add the two numbers below to get the number above, like this:

$\frac{4}{5}$ ← $\frac{1}{5} + \frac{3}{5}$

$\frac{1}{5}$ $\frac{3}{5}$

Complete this addition wall:

$1\frac{3}{8}$

$\frac{7}{8}$

$\frac{1}{2}$

3 marks