

# Fractions and Decimals

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



1 mark

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



1 mark

**2** Tick the calculation that has the smallest answer.

$\frac{1}{4}$  of 20

or

$\frac{1}{3}$  of 18

Explain how you know.

2 marks

**3** Pia has 20 apples.

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

How many red apples does Pia have?

1 mark

**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?

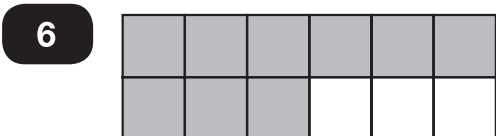
1 mark

# 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?

1 mark



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.

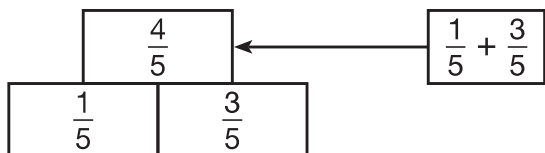
$\frac{5}{7} \square \frac{10}{14}$

$\frac{3}{8} \square \frac{10}{24}$

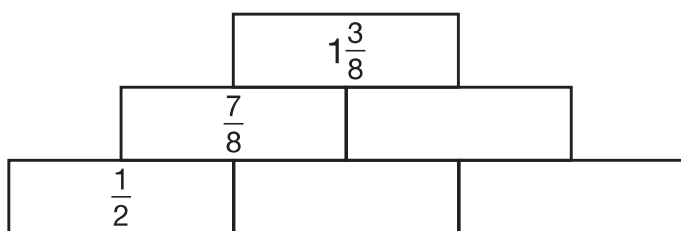
$\frac{2}{5} \square \frac{12}{25}$

3 marks

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



Complete this addition wall:



3 marks

