1

How many quarters are there in $2\frac{3}{4}$?

$\boxed{\qquad\qquad}$ quarters

1 mark

2

Complete these fractions to make each equivalent to $\frac{3}{5}$

$\dfrac{\boxed{}}{10}$ $\qquad\qquad$ $\dfrac{\boxed{}}{15}$

$\dfrac{12}{\boxed{}}$

1 mark

3

Circle the fraction that is greater than $\frac{1}{2}$ but less than $\frac{3}{4}$

$\dfrac{7}{8}$ $\qquad$ $\dfrac{2}{5}$ $\qquad$ $\dfrac{1}{3}$ $\qquad$ $\dfrac{5}{8}$ $\qquad$ $\dfrac{3}{6}$

1 mark

4

Two of the fractions below are **equivalent**.

Circle them.

$\dfrac{2}{3}$ $\qquad$ $\dfrac{6}{10}$ $\qquad$ $\dfrac{9}{12}$ $\qquad$ $\dfrac{10}{15}$ $\qquad$ $\dfrac{16}{20}$

1 mark

5

$\dfrac{1}{9} + \dfrac{1}{3} =$

$\boxed{\qquad\qquad}$
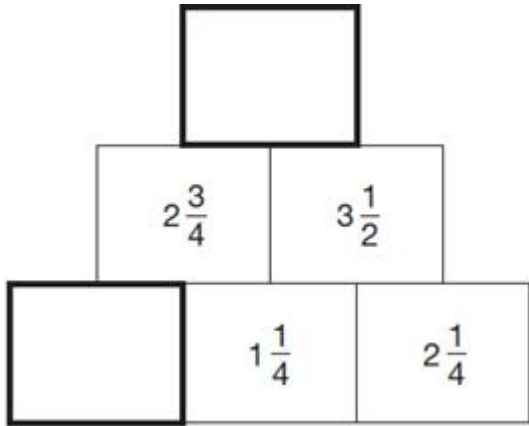
1 mark

6 In this diagram, the number in each box is the **sum** of the two numbers below it.

Write the missing numbers.

$$2\frac{3}{4} \qquad 3\frac{1}{2}$$

$$\qquad \qquad 1\frac{1}{4} \qquad 2\frac{1}{4}$$
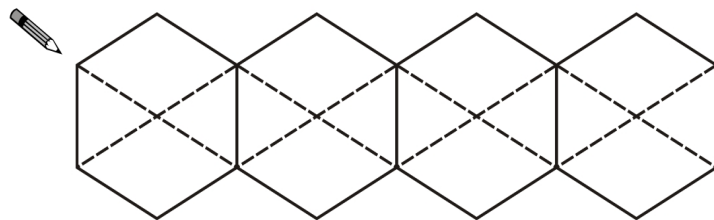
2 marks

7 $\dfrac{5}{6} - \dfrac{2}{3} =$

1 mark

8 This diagram shows four regular hexagons.

Shade in **one third** of the diagram.
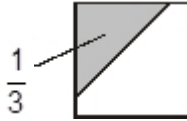
1 mark

9 $1\frac{1}{4} \times 4 =$

1 mark

10 Calculate $\frac{7}{16}$ of 288

1 mark

11 $\frac{1}{3}$ of this square is shaded.

$\frac{1}{3}$

The same square is used in the diagrams below.

What fraction of this diagram is shaded?

1 mark

What fraction of this diagram is shaded?

1 mark

12 Calculate $\frac{7}{8}$ **of 5000**

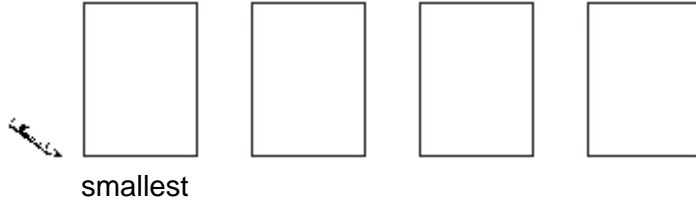1 mark

13

Calculate of $\frac{5}{12}$ of **378**

14

Write these fractions in order of size starting with the smallest.

$$\frac{3}{4} \qquad \frac{3}{5} \qquad \frac{9}{10} \qquad \frac{17}{20}$$

smallest

15

Is $\frac{4}{9}$ greater than $\frac{1}{3}$?

Circle Yes or No.
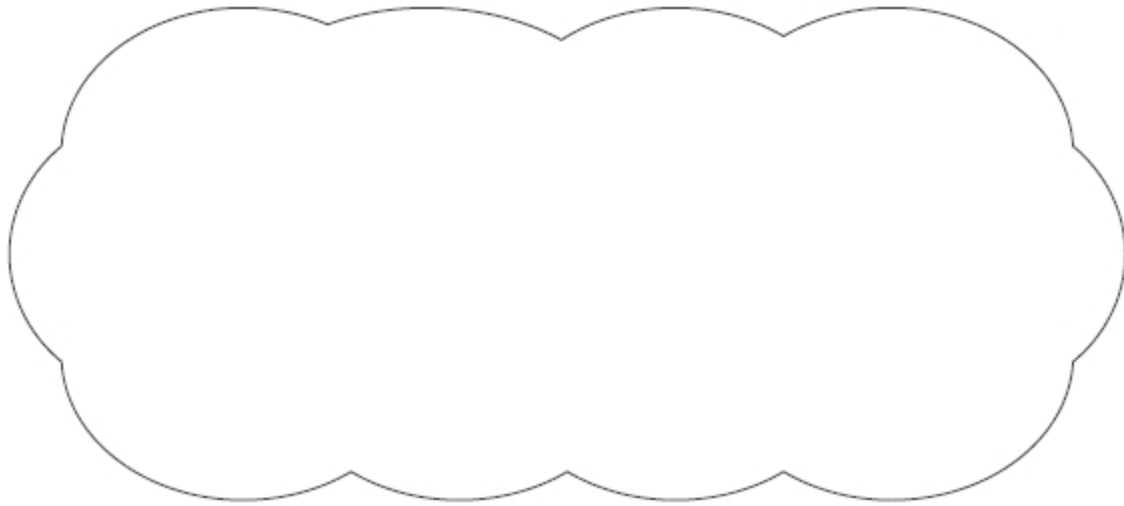
Yes / No

Show how you know.

Is $\frac{4}{9}$ half of $\frac{8}{18}$?

Circle Yes or No.

✎ Yes / No

Show how you know.

✎

1 mark

16 (a) Write numbers in the boxes to make this fraction calculation correct.

$$\frac{1}{\boxed{}} + \frac{\boxed{}}{5} = \frac{7}{10}$$

1 mark

(b) Now write two **different** numbers to make the calculation correct.

$$\frac{1}{\boxed{}} + \frac{\boxed{}}{5} = \frac{7}{10}$$

1 mark