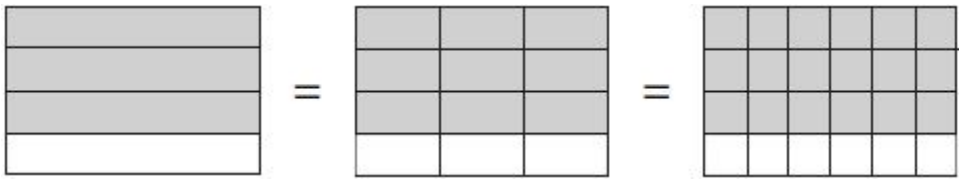
1. These diagrams show three equivalent fractions.



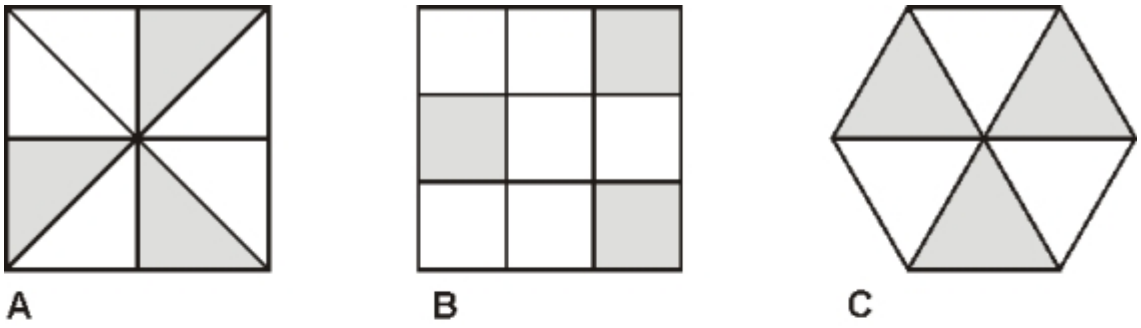
Write the missing values.

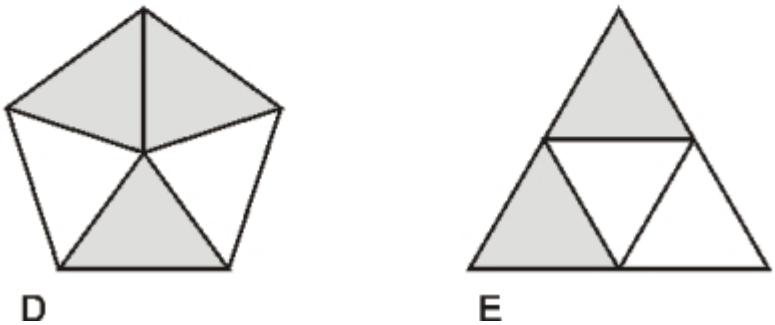
$$\frac{3}{4} = \frac{9}{\square} = \frac{\square}{24}$$

1 mark

2. Each of these diagrams is divided into equal parts.

Some of the parts are shaded.





Write the letters of all the diagrams that have exactly $\frac{1}{2}$ shaded.

_____

1 mark

Which of the diagrams has exactly $\frac{1}{3}$ shaded?

1 mark

3. Circle the **two** fractions that have the same value.

$\frac{2}{10}$ $\frac{1}{3}$ $\frac{1}{2}$

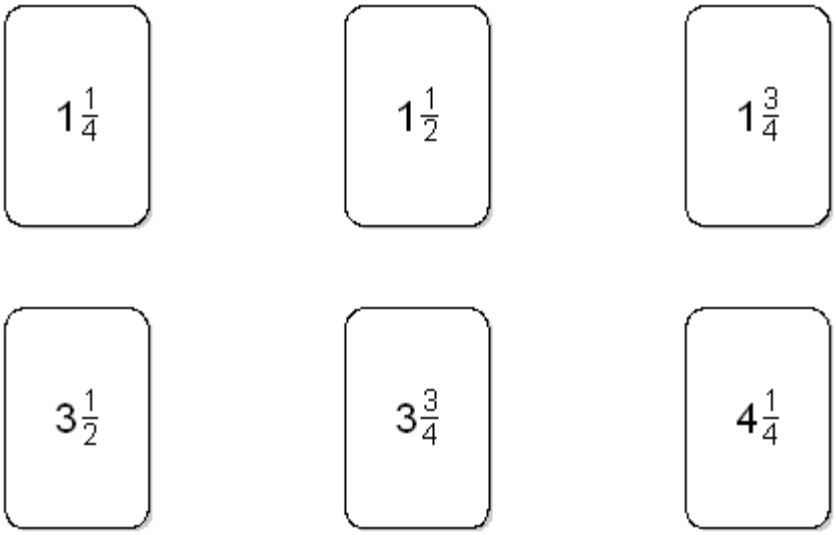
$\frac{5}{10}$ $\frac{1}{4}$

1 mark

4. Draw an arrow (↓) on the number line to show $1\frac{3}{4}$

1 mark

5. Tick (✓) **two** cards that give a **total of 5**



1 mark

Mark schemes

1. Both values correct, as shown:

$$\frac{3}{4} = \frac{9}{\boxed{12}} = \frac{\boxed{18}}{24}$$

*Both values must be correct for the award of **ONE** mark.*

[1]

2. (a) C **AND** E

Letters may be given in either order.

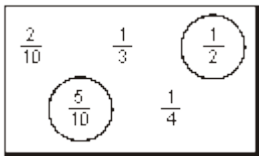
1

(b) B

1

[2]

3. Circles two fractions as shown:

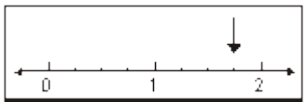


***Both** fractions must be correct for the award of the mark.*

Accept any other clear way of indicating the correct fractions, such as ticking or underlining.

[1]

4. An arrow drawn on the number line as shown:

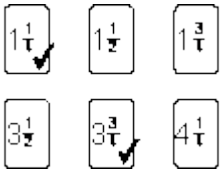


Accept any other clear way of indicating $1\frac{3}{4}$ on the number line as long as the intention is clear.

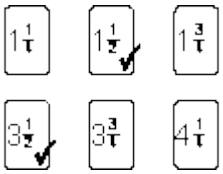
Accept slight inaccuracies, provided the intention is clear.

[1]

5. Two cards ticked as shown:



OR



Accept alternative unambiguous indications such as circling or a line joining a correct pair of cards.

[1]