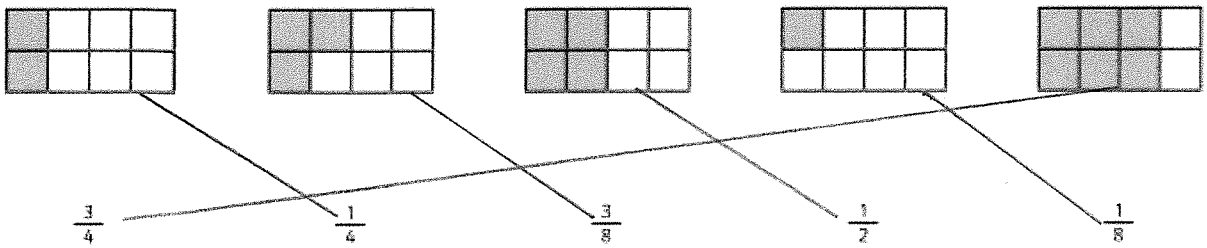
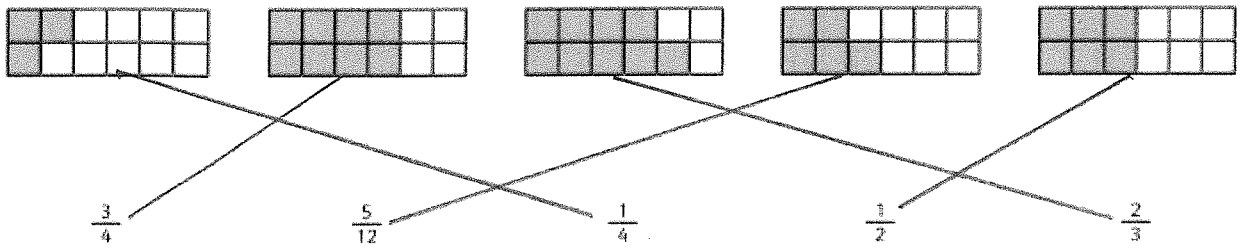
EQUIVALENT FRACTIONS

For each set of shapes made of squares, match the shape to its equivalent fraction.

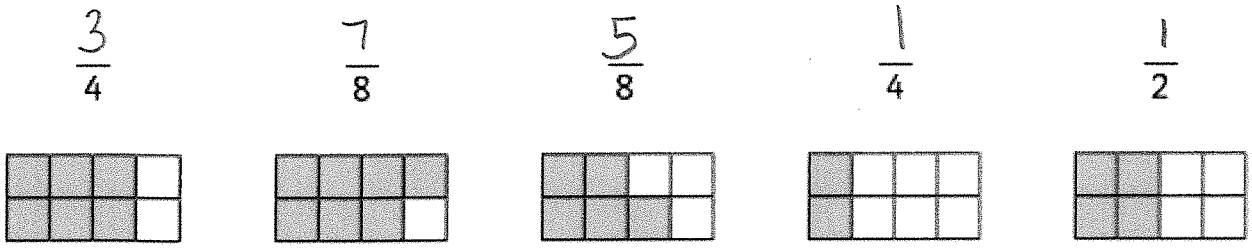
1.



2.



For each set of shapes made of squares, write the numerator for each equivalent fraction.



Using the following pairs of shapes that are each divided into equal parts, show and write 2 equivalent fractions.

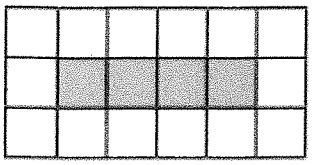
1/2 2/4 1/4 2/8

or

3/4 6/8

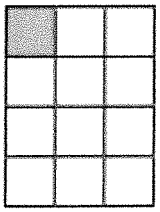
Complete the shading of these rectangles so that the fraction written next to each is shaded.

1. $\frac{1}{2}$



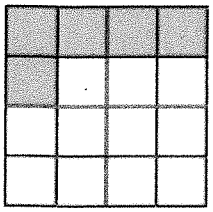
9 shaded altogether

2. $\frac{1}{4}$



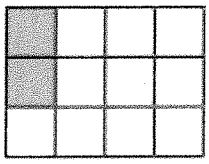
3 shaded altogether

3. $\frac{3}{4}$



12 shaded altogether

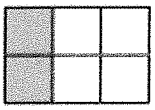
4. $\frac{1}{3}$



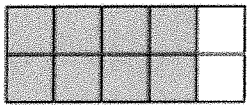
4 shaded altogether

Write the fraction represented by the following shaded rectangles. Write the fraction with the smallest denominator possible.

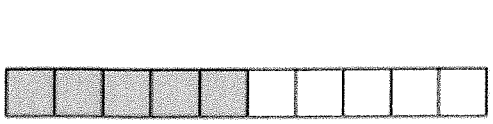
$\frac{1}{3}$



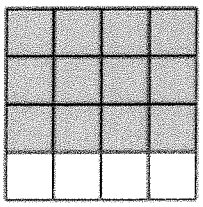
$\frac{4}{5}$



$\frac{1}{2}$



$\frac{3}{4}$



4a. Match the equivalent fractions.

$\frac{1}{4}$ — $\frac{3}{12}$

$\frac{4}{20}$ — $\frac{1}{5}$

$\frac{8}{24}$ — $\frac{1}{3}$

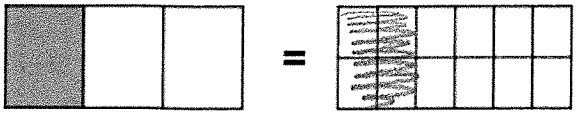
4b. Match the equivalent fractions.

$\frac{1}{3}$ — $\frac{4}{20}$

$\frac{1}{4}$ — $\frac{5}{20}$

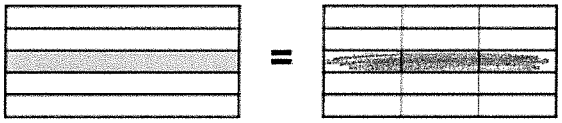
$\frac{1}{5}$ — $\frac{5}{15}$

2a. Colour the second image to show an equivalent fraction. Write the fractions underneath.



$\frac{1}{3} = \frac{4}{12}$

2b. Colour the second image to show an equivalent fraction. Write the fractions underneath.



$\frac{1}{5} = \frac{3}{15}$

3a. Give 2 possible values for A and B.

$\frac{1}{A} = \frac{B}{16}$

eg. $\frac{1}{2} = \frac{8}{16}$

$\frac{1}{4} = \frac{4}{16}$

3b. Give 2 possible values for A and B.

$\frac{1}{A} = \frac{B}{20}$

eg. $\frac{1}{2} = \frac{10}{20}$

$\frac{1}{4} = \frac{5}{20}$

Here are some fraction cards. All of the fractions are equivalent.

$\frac{4}{A}$ $\frac{B}{C}$ $\frac{20}{50}$

A + B = 16

Calculate the value of C.

A = 10

B = 6

C = 15