

Name:

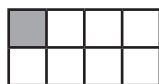
Date:

Key Stage 2 Maths Practice Reasoning: Common Equivalent Fractions



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

1.



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

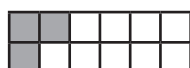
$$\frac{1}{4}$$

$$\frac{3}{8}$$

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

$$\frac{1}{8}$$

2.



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

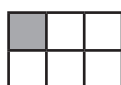
$$\frac{5}{12}$$

$$\frac{1}{4}$$

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

$$\frac{2}{3}$$

3.



$$\frac{2}{3}$$

$$\frac{5}{6}$$

$$\frac{1}{6}$$

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

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

4.



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

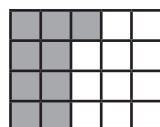
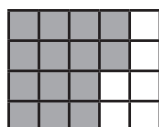
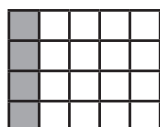
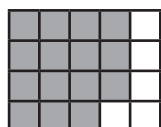
$$\frac{3}{5}$$

$$\frac{9}{10}$$

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

$$\frac{1}{10}$$

5.



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

$$\frac{1}{20}$$

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

$$\frac{7}{10}$$

$$\frac{9}{20}$$

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

6.

$\frac{\quad}{4}$



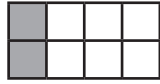
$\frac{\quad}{8}$



$\frac{\quad}{8}$



$\frac{\quad}{4}$

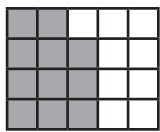


$\frac{\quad}{2}$

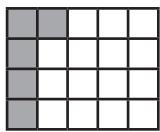


7.

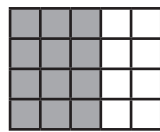
$\frac{\quad}{20}$



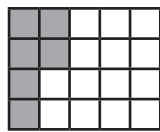
$\frac{\quad}{4}$



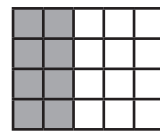
$\frac{\quad}{5}$



$\frac{\quad}{10}$



$\frac{\quad}{5}$

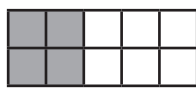


8.

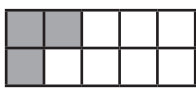
$\frac{\quad}{10}$



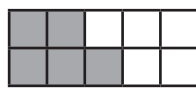
$\frac{\quad}{5}$



$\frac{\quad}{10}$



$\frac{\quad}{2}$



$\frac{\quad}{5}$



9.

$\frac{\quad}{3}$



$\frac{\quad}{4}$



$\frac{\quad}{6}$



$\frac{\quad}{2}$



$\frac{\quad}{6}$



10.

$\frac{\quad}{3}$



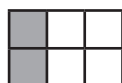
$\frac{\quad}{6}$



$\frac{\quad}{2}$



$\frac{\quad}{3}$



$\frac{\quad}{6}$

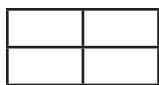


Using the following pairs of shapes that are each divided into equal parts, show and write 2 equivalent fractions.

11.

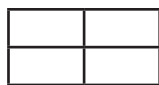


$\frac{\quad}{2}$

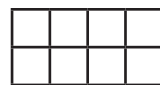


$\frac{\quad}{4}$

12.



$\frac{\quad}{4}$



$\frac{\quad}{8}$

13.



$\frac{\quad}{5}$

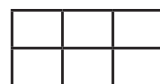


$\frac{\quad}{10}$

14.

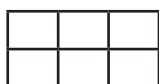


$\frac{\quad}{3}$



$\frac{\quad}{6}$

15.



$\frac{\quad}{6}$

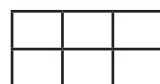


$\frac{\quad}{12}$

16.



$\frac{\quad}{2}$



$\frac{\quad}{6}$

17.

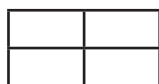


$\frac{\quad}{6}$



$\frac{\quad}{9}$

18.



$\frac{\quad}{4}$

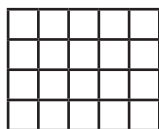


$\frac{\quad}{12}$

19.



$\frac{\quad}{5}$

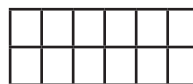


$\frac{\quad}{20}$

20.



$\frac{\quad}{3}$



$\frac{\quad}{12}$

Complete the following to show equivalent fractions:

21.

$$\frac{1}{2} = \frac{\quad}{8}$$

$$\frac{1}{6} = \frac{2}{\quad}$$

22.

$$\frac{2}{3} = \frac{\quad}{12}$$

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

23.

$$\frac{3}{4} = \frac{\quad}{8}$$

$$\frac{5}{8} = \frac{10}{\quad}$$

24.

$$\frac{5}{6} = \frac{\quad}{12}$$

$$\frac{1}{3} = \frac{3}{\quad}$$

25.

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

$$\frac{4}{5} = \frac{12}{\quad}$$

26.

$$\frac{2}{5} = \frac{\quad}{10}$$

$$\frac{3}{10} = \frac{9}{\quad}$$

27.

$$\frac{1}{3} = \frac{\quad}{6}$$

$$\frac{1}{8} = \frac{3}{\quad}$$

28.

$$\frac{7}{8} = \frac{\quad}{16}$$

$$\frac{3}{4} = \frac{9}{\quad}$$

29.

$$\frac{4}{6} = \frac{\quad}{3}$$

$$\frac{8}{10} = \frac{4}{\quad}$$

30.

$$\frac{2}{8} = \frac{\quad}{4}$$

$$\frac{9}{18} = \frac{1}{\quad}$$