

Varied Fluency

Step 2: Equivalent Fractions 1

National Curriculum Objectives:

Mathematics Year 4: (4F2) [Recognise and show, using diagrams, families of common equivalent fractions](#)

Differentiation:

Developing Questions to support comparing fractions and identifying equivalent fractions. Includes doubling the starting fraction. Using pictorial support.

Expected Questions to support comparing fractions and identifying equivalent fractions. Includes denominators that are direct multiples of the starting fraction. Using pictorial support.

Greater Depth Questions to support comparing fractions and identifying equivalent fractions. Includes denominators that share a common factor. Using some pictorial support.

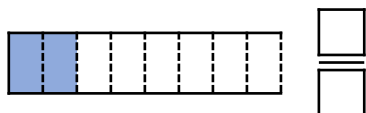
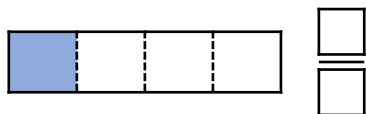
More [Year 4 Fraction](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Equivalent Fractions 1

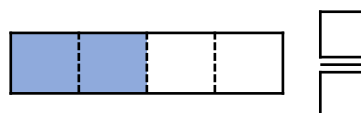
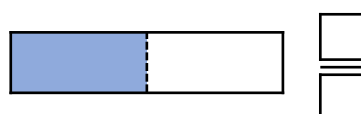
Equivalent Fractions 1

1a. Write the shaded fraction represented in the images below.



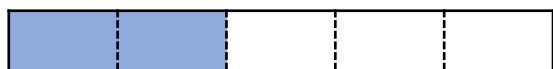
VF

1b. Write the shaded fraction represented in the images below.



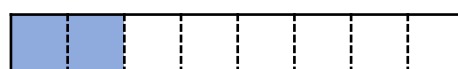
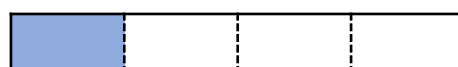
VF

2a. True or false? The shaded fractions represent equivalent fractions.



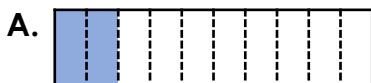
VF

2b. True or false? The shaded fractions represent equivalent fractions.



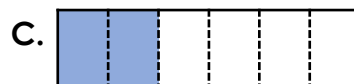
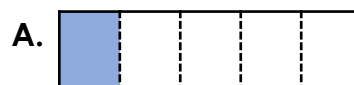
VF

3a. Which two fractions are equivalent to each other?



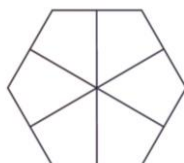
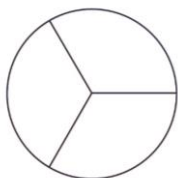
VF

3b. Which two fractions are equivalent to each other?



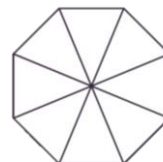
VF

4a. Shade the shapes to show $\frac{1}{3}$.



VF

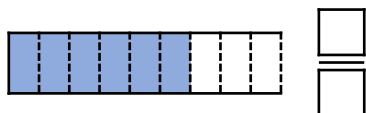
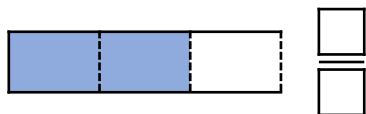
4b. Shade the shapes to show $\frac{1}{4}$.



VF

Equivalent Fractions 1

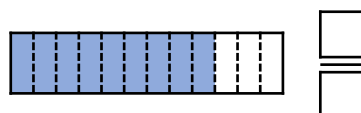
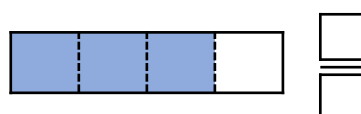
5a. Write the shaded fraction represented in the images below.



VF

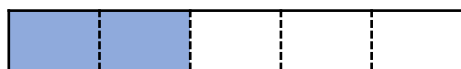
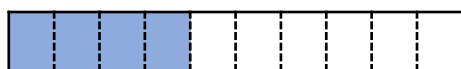
Equivalent Fractions 1

5b. Write the shaded fraction represented in the images below.



VF

6a. True or false? The shaded fractions represent equivalent fractions.



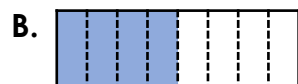
VF

6b. True or false? The shaded fractions represent equivalent fractions.



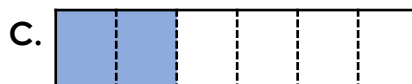
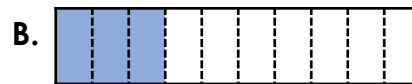
VF

7a. Which two fractions are equivalent to each other?



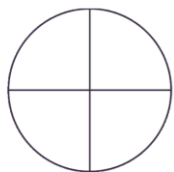
VF

7b. Which two fractions are equivalent to each other?



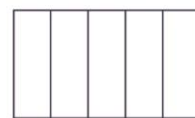
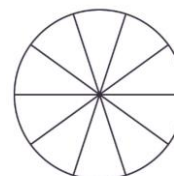
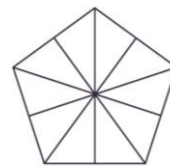
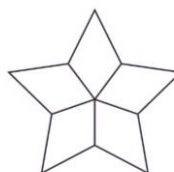
VF

8a. Shade the shapes to show $\frac{3}{4}$.



VF

8b. Shade the shapes to show $\frac{3}{5}$.

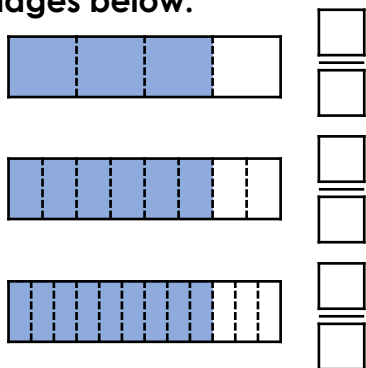


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Equivalent Fractions 1

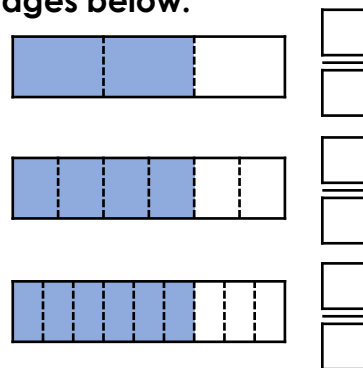
Equivalent Fractions 1

9a. Write the shaded fraction represented in the images below.



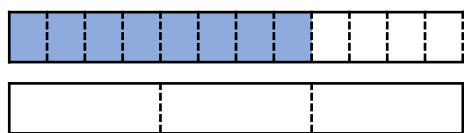
VF

9b. Write the shaded fraction represented in the images below.



VF

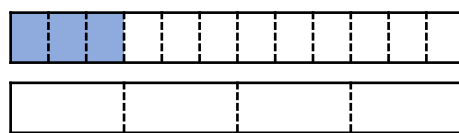
10a. Use the blank strip of paper to make the statement true.



The shaded fractions represent equivalent fractions.

VF

10b. Use the blank strip of paper to make the statement true.

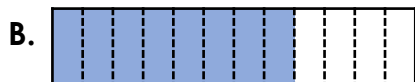


The shaded fractions represent equivalent fractions.

VF

11a. Which two fractions are equivalent to each other?

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



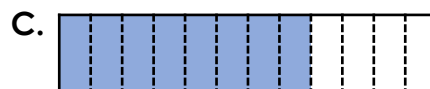
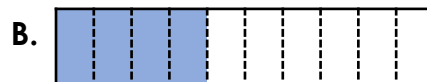
C. $\frac{6}{9}$



VF

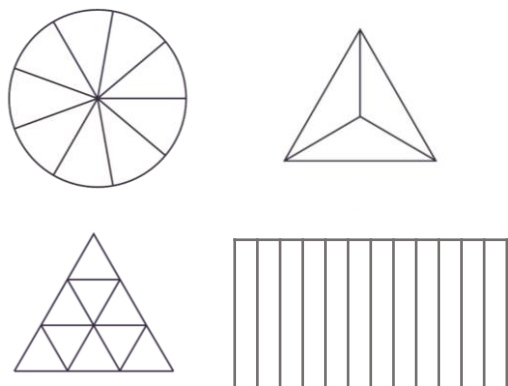
11b. Which two fractions are equivalent to each other?

A. $\frac{2}{3}$



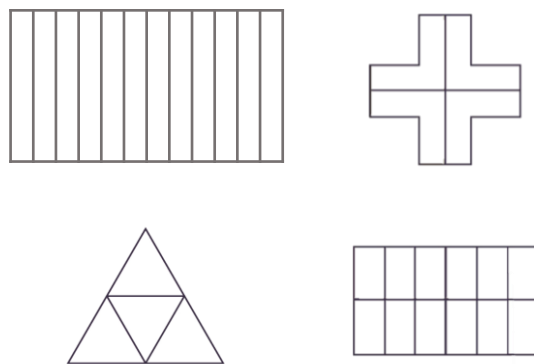
VF

12a. Shade the shapes to show $\frac{2}{3}$.



VF

12b. Shade the shapes to show $\frac{3}{4}$.



VF

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Developing

- 1a. $\frac{1}{4}$ and $\frac{2}{8}$
2a. False, $\frac{1}{2}$ is not equivalent to $\frac{2}{5}$.
3a. A and C
4a. Any one part of the circle shaded; any two parts of the rectangle; any one part of the triangle; any two parts of the hexagon.

Expected

- 5a. $\frac{2}{3}$ and $\frac{6}{9}$
6a. True
7a. A and B
8a. Any three parts of the circle shaded; any nine parts of the hexagon; any nine parts of the rectangle; any six parts of the triangle.

Greater Depth

- 9a. $\frac{3}{4}$, $\frac{6}{8}$ and $\frac{9}{12}$
10a. Accept two parts shaded.
11a. B and C
12a. Any six parts of the circle shaded; any two parts of the triangle; any six parts of the triangle; any eight parts of the rectangle.

Varied Fluency Equivalent Fractions 1

Developing

- 1b. $\frac{1}{2}$ and $\frac{2}{4}$
2b. True
3b. B and C
4b. Any one part of the triangle shaded; any two parts of the octagon; any two parts of the rectangle; any one part of the cross.

Expected

- 5b. $\frac{3}{4}$ and $\frac{9}{12}$
6b. False, $\frac{2}{3}$ is not equivalent to $\frac{9}{12}$.
7b. A and C
8b. Any three parts of the star shaded; any six parts of the pentagon; any six parts of the circle; any three parts of the rectangle.

Greater Depth

- 9b. $\frac{2}{3}$, $\frac{4}{6}$ and $\frac{6}{9}$
10b. Accept one part shaded.
11b. A and C
12b. Any nine parts of the rectangle shaded; any three parts of the cross; any three parts of the triangle; any nine parts of the rectangle.