

Varied Fluency

Step 2: Equivalent Fractions 2

National Curriculum Objectives:

Mathematics Year 3: (3F2) [Recognise and show, using diagrams, equivalent fractions with small denominators](#)

Mathematics Year 3: (3F10) [Solve problems that involve all of the above](#)

Differentiation:

Developing Questions to support finding two equivalent fractions within eighths.

Expected Questions to support finding two equivalent fractions within twelfths.

Greater Depth Questions to support finding two equivalent fractions within and beyond twelfths.

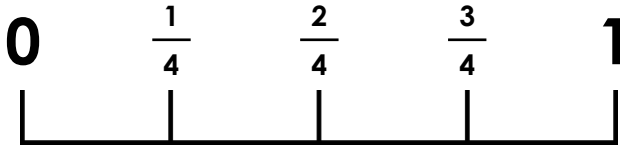
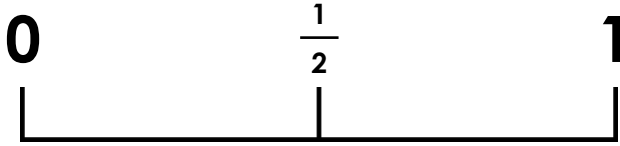
More [Year 3 Fractions](#) resources.

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

Equivalent Fractions 2

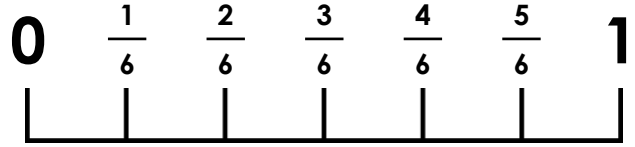
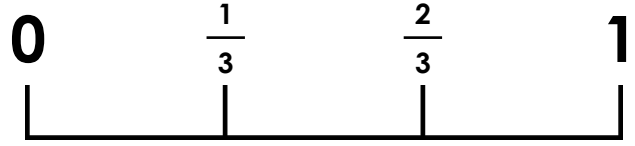
Equivalent Fractions 2

1a. There is 1 pair of equivalent fractions on the two number lines. Find it.



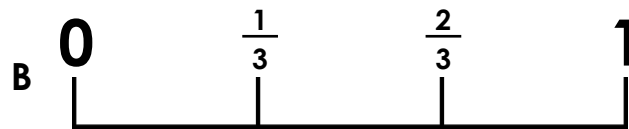
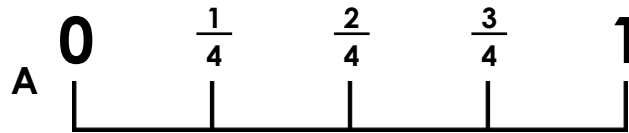
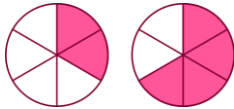
VF

1b. There are 2 pairs of equivalent fractions on the two number lines. Find them.



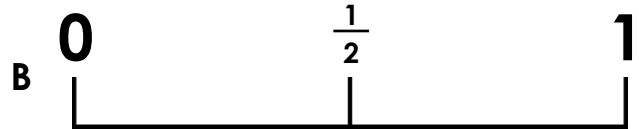
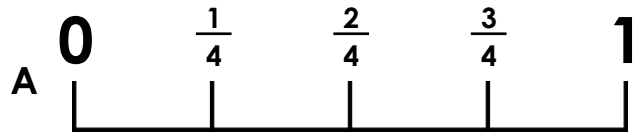
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2a. Which number line best matches the set of pictures?



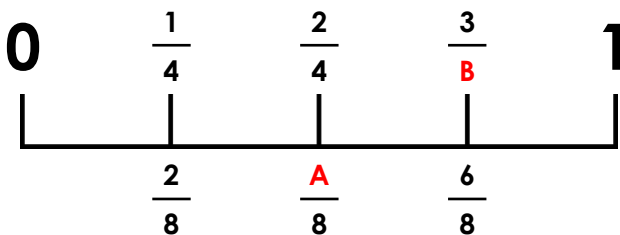
VF

2b. Which number line best matches the set of pictures?



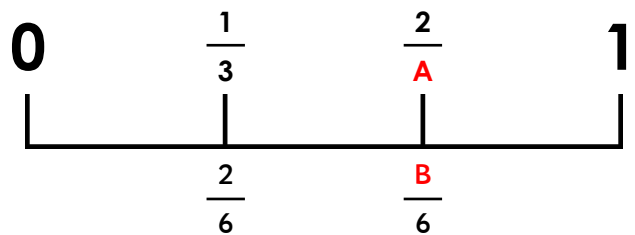
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3a. Find which number should replace each letter to complete the number line.



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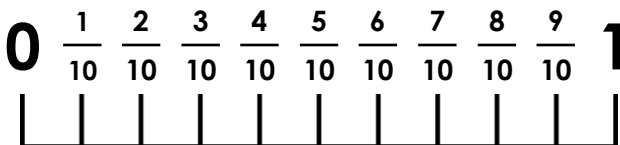
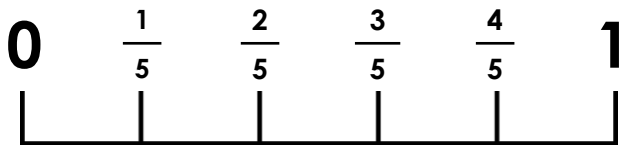
3b. Find which number should replace each letter to complete the number line.



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Equivalent Fractions 2

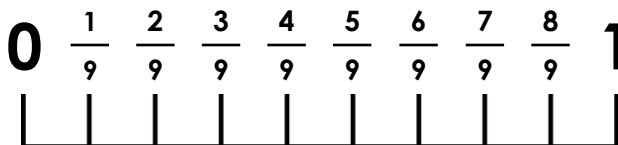
4a. There are 4 pairs of equivalent fractions on the two number lines. Find them.



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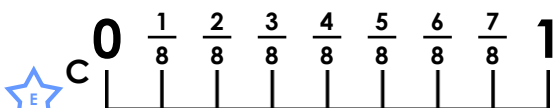
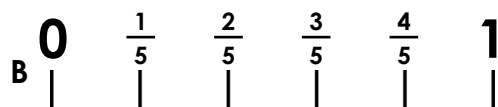
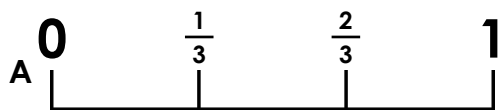
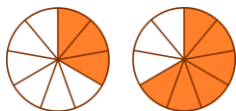
Equivalent Fractions 2

4b. There are 2 pairs of equivalent fractions on the two number lines. Find them.



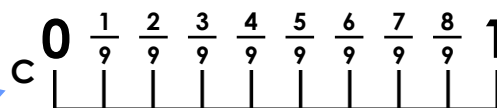
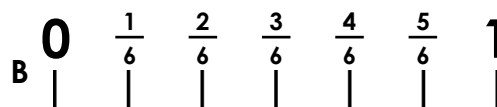
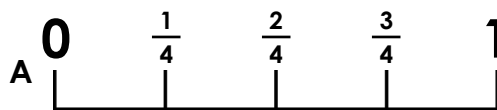
VF

5a. Which number line best matches the set of pictures?



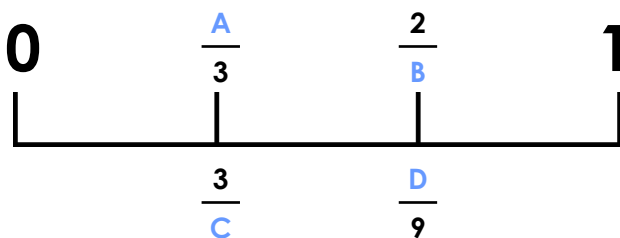
VF

5b. Which number line best matches the set of pictures?



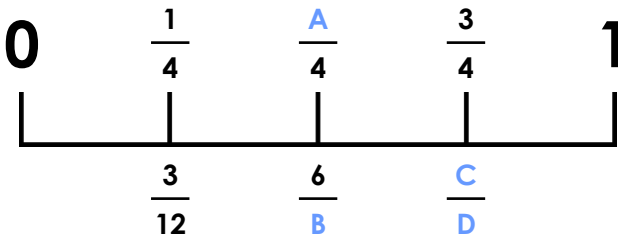
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6a. Find which number should replace each letter to complete the number line.



VF

6b. Find which number should replace each letter to complete the number line.

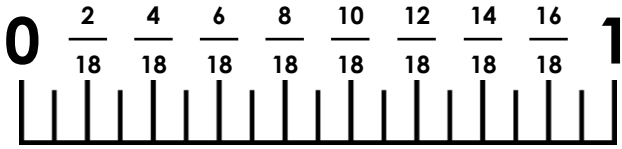
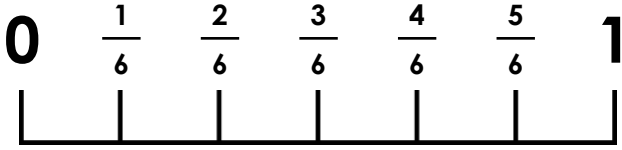


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Equivalent Fractions 2

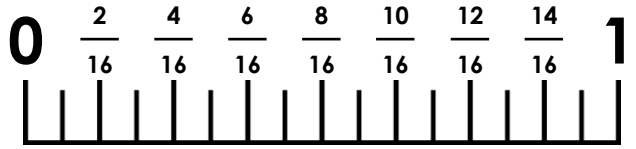
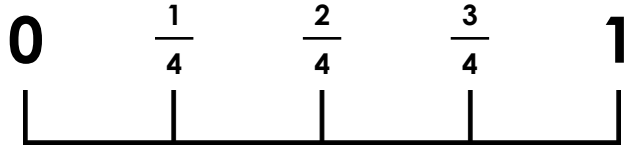
Equivalent Fractions 2

7a. There are 5 pairs of equivalent fractions on the two number lines. Find them.



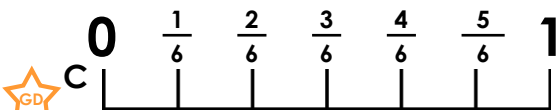
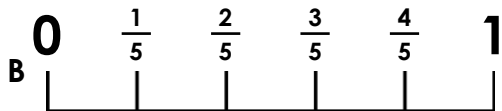
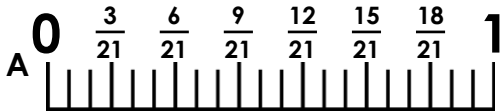
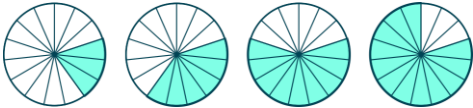
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7b. There are 3 pairs of equivalent fractions on the two number lines. Find them.



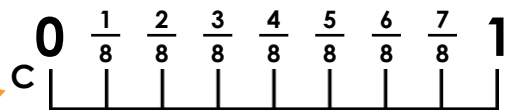
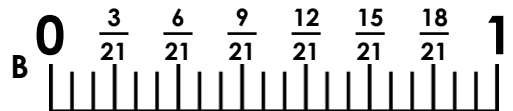
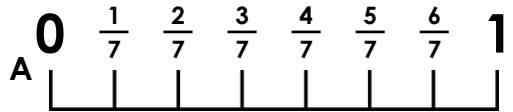
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8a. Which number line best matches the set of pictures?



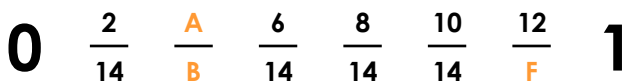
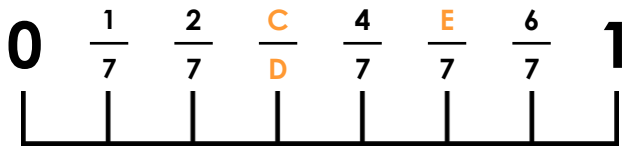
VF

8b. Which number line best matches the set of pictures?



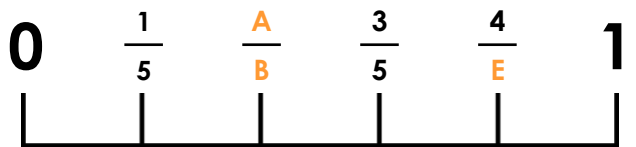
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9a. Find which number should replace each letter to complete the number line.



VF

9b. Find which number should replace each letter to complete the number line.



VF

Varied Fluency Equivalent Fractions 2

Developing

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

2a. B (thirds)

3a. A = 4; B = 4

Expected

4a. $\frac{1}{5}$ and $\frac{2}{10}$; $\frac{2}{5}$ and $\frac{4}{10}$; $\frac{3}{5}$ and $\frac{6}{10}$

$\frac{4}{5}$ and $\frac{8}{10}$

5a. A (thirds)

6a. A = 1; B = 3; C = 9; D = 6

Greater Depth

7a. $\frac{1}{6}$ and $\frac{3}{18}$; $\frac{2}{6}$ and $\frac{6}{18}$; $\frac{3}{6}$ and $\frac{9}{18}$;

$\frac{4}{6}$ and $\frac{12}{18}$; $\frac{5}{6}$ and $\frac{15}{18}$

8a. B (fifths)

9a. A = 4; B = 14; C = 3; D = 7; E = 5; F = 14

Varied Fluency Equivalent Fractions 2

Developing

1b. $\frac{1}{3}$ and $\frac{2}{6}$; $\frac{2}{3}$ and $\frac{4}{6}$

2b. A (quarters)

3b. A = 3; B = 4

Expected

4b. $\frac{1}{3}$ and $\frac{3}{9}$; $\frac{2}{3}$ and $\frac{6}{9}$

5b. B (sixths)

6b. A = 2; B = 12; C = 9; D = 12

Greater Depth

7b. $\frac{1}{4}$ and $\frac{4}{16}$; $\frac{2}{4}$ and $\frac{8}{16}$; $\frac{3}{4}$ and $\frac{12}{16}$

8b. C (eighths)

9b. A = 2; B = 5; C = 12; D = 20; E = 5;

F = 16