

Homework/Extension

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:

Questions 1, 4 and 7 (Varied Fluency)

Developing Match images to equivalent fractions on a number line. Fractions within eighths used, simple images.

Expected Match images to equivalent fractions on a number line. Fractions within twelfths used, more complex images.

Greater Depth Match images to equivalent fractions on a number line. Fractions within and beyond twelfths used, complex images.

Questions 2, 5 and 8 (Varied Fluency)

Developing Circle the incorrect equivalent fractions on a number line. Fractions within eighths used.

Expected Circle the incorrect equivalent fractions on a number line. Fractions within twelfths used.

Greater Depth Circle the incorrect equivalent fractions on a number line. Fractions within and beyond twelfths used.

Questions 3, 6 and 9 (Problem Solving and Reasoning)

Developing Find the word by solving the given clues to find set of equivalent fractions and placing them on the number line. Fractions within eighths used.

Expected Find the word by solving the given clues to find set of equivalent fractions and placing them on the number line. Fractions within twelfths used.

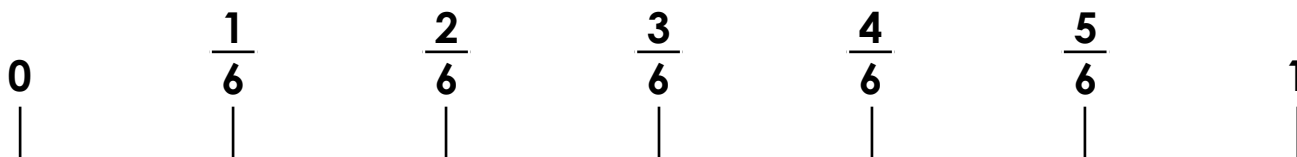
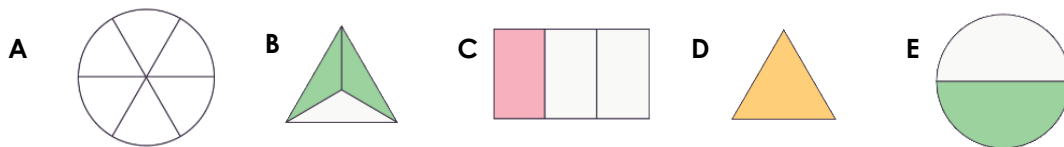
Greater Depth Find the word by solving the given clues to find set of equivalent fractions and placing them on the number line. Fractions within and beyond twelfths used.

More [Year 3 Fractions](#) resources.

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

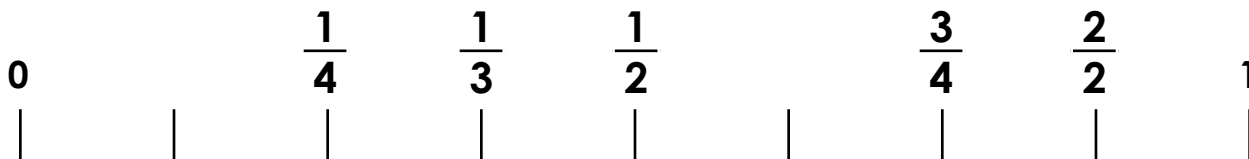
Equivalent Fractions 2

1. Draw a line to match the images to their equivalent fraction on the number line.



VF
HW/Ext

2. Circle the 2 incorrect equivalent fractions on the number line.



VF
HW/Ext

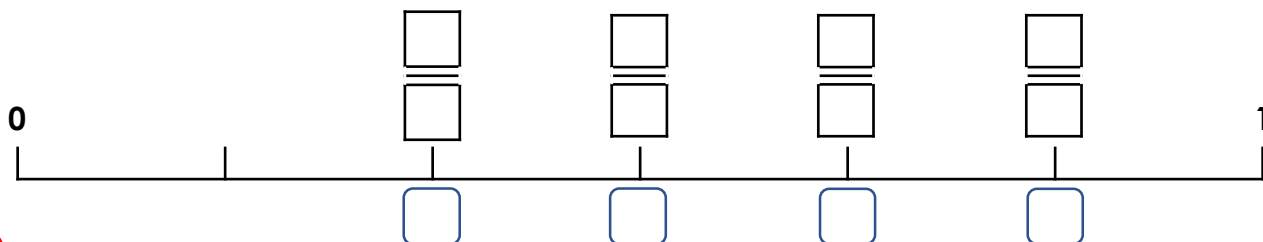
3. Use the clues to find the fraction for each letter, then place it correctly on the number line to break the code.

E = two of me make one whole.

Z = My numerator plus my denominator = 4

O = I am $\frac{1}{6}$ less than one whole.

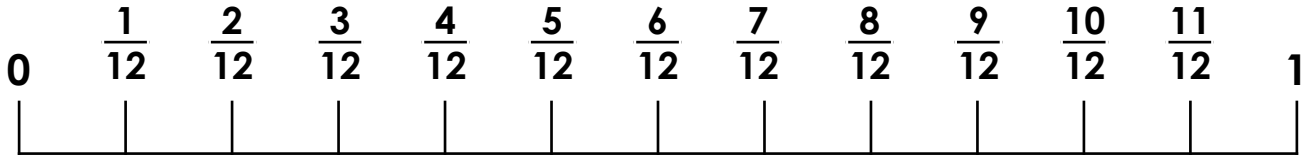
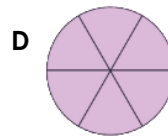
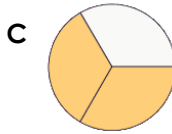
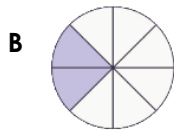
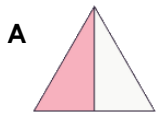
R = My numerator is one more than that of Z.



RPS
HW/Ext

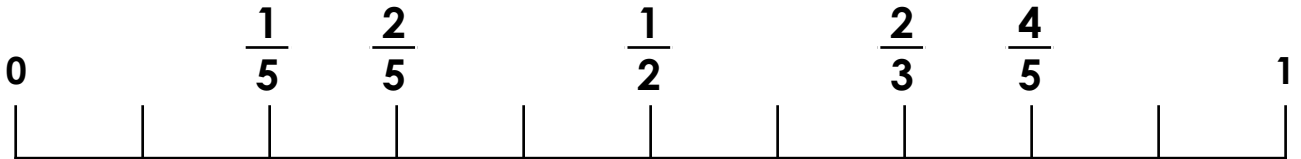
Equivalent Fractions 2

4. Draw a line to match the images to their equivalent fraction on the number line.



VF
HW/Ext

5. Circle the 2 incorrect equivalent fractions on the number line.



VF
HW/Ext

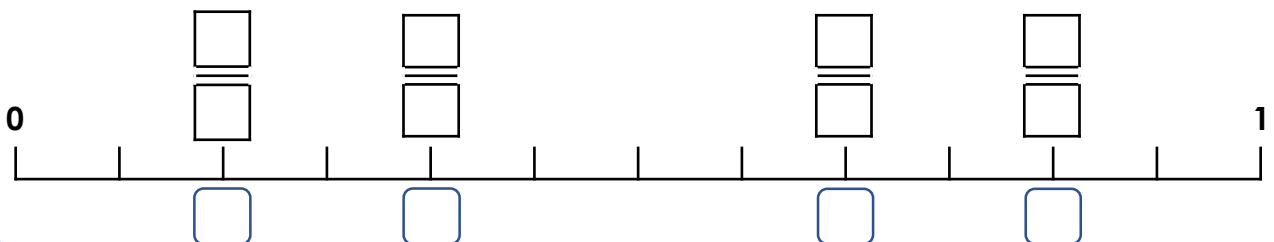
6. Use the clues to find the fraction for each letter, then place it correctly on the number line to break the code.

F = I am equivalent to $\frac{5}{6}$

L = My numerator plus my denominator = 5

H = I am equivalent to $\frac{1}{6}$

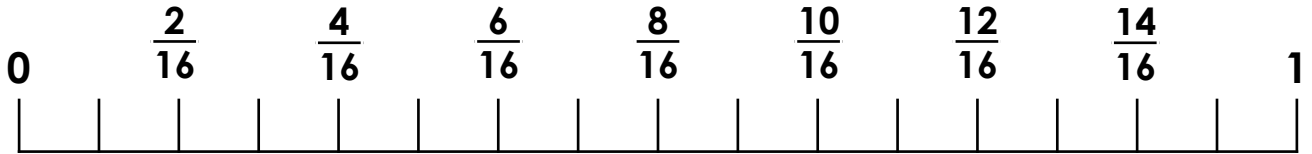
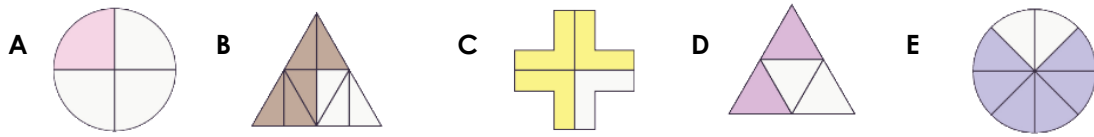
A = I am equivalent to $\frac{1}{3}$



RPS
HW/Ext

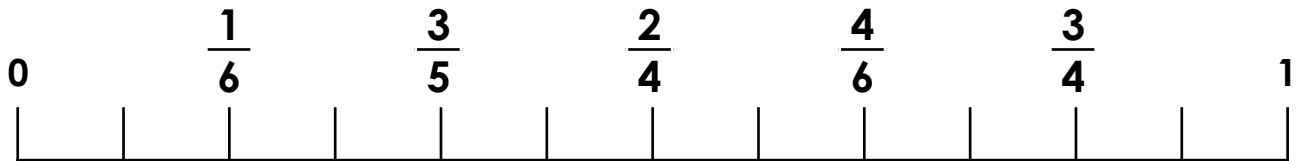
Equivalent Fractions 2

7. Draw a line to match the images to their equivalent fraction on the number line.



VF
HW/Ext

8. Circle the 2 incorrect equivalent fractions on the number line.



VF
HW/Ext

9. Use the clues to find the fraction for each letter, place it correctly on the number line, then write the letters in the correct order in the space below to make a word.

G = I am between $\frac{1}{3}$ and $\frac{1}{2}$

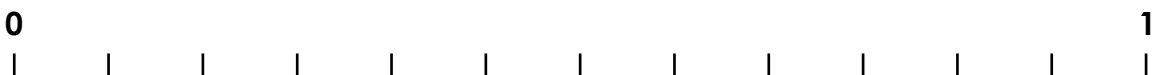
H = I am equivalent to $\frac{3}{6}$

H = I am equivalent to $\frac{3}{4}$

E = I am $\frac{1}{6}$ more than zero

I = I am equivalent to $\frac{1}{4}$

T = I am $\frac{1}{3}$ less than one whole



RPS
HW/Ext

Homework/Extension Equivalent Fractions 2

Developing

1. $A = 0$, $B = \frac{4}{6}$, $C = \frac{2}{6}$, $D = 1$, $E = \frac{3}{6}$

2. Circle $\frac{1}{3}$ and $\frac{2}{2}$

3. $E = \frac{1}{2}$, $Z = \frac{1}{3}$, $O = \frac{5}{6}$, $R = \frac{2}{3}$ Placed correctly on the number line, the fractions spell ZERO.

Expected

4. $A = \frac{6}{12}$, $B = \frac{3}{12}$, $C = \frac{8}{12}$, $D = 1$, $E = \frac{9}{12}$

5. Circle $\frac{2}{5}$ and $\frac{2}{3}$

6. $F = \frac{10}{12}$, $L = \frac{2}{3}$, $H = \frac{2}{12}$, $A = \frac{4}{12}$ Placed correctly on the number line, the fractions spell HALF.

Greater Depth

7. $A = \frac{4}{16}$, $B = \frac{10}{16}$, $C = \frac{12}{16}$, $D = \frac{8}{16}$, $E = \frac{12}{16}$

8. Circle $\frac{3}{5}$ and $\frac{3}{4}$

9. $G = \frac{5}{12}$, $H = \frac{6}{12}$, $H = \frac{9}{12}$, $E = \frac{2}{12}$, $I = \frac{3}{12}$, $T = \frac{8}{12}$ Placed in the correct order, the fraction letters spell EIGHTH.