Homework/Extension
Step 1: Equivalent Fractions 1

National Curriculum Objectives:

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

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Identify equivalent fractions, using halves and quarters. Pictorial support for most fractions.
Expected Identify equivalent fractions, using halves, thirds, fifths, sixths, eighths and tenths. Pictorial support for some fractions.
Greater Depth Identify equivalent fractions, using halves, thirds, quarters, fifths, sixths, eighths and tenths and some non-unit fractions. Less pictorial support is provided.

Questions 2, 5 and 8 (Varied Fluency)
Developing Match equivalent fractions, using halves and quarters. Pictorial support for most fractions.
Expected Match equivalent fractions, using halves, thirds, fifths, sixths, eighths and tenths. Pictorial support for some fractions.
Greater Depth Match equivalent fractions, using halves, thirds, quarters, fifths, sixths, eighths and tenths and some non-unit fractions. Less pictorial support is provided.

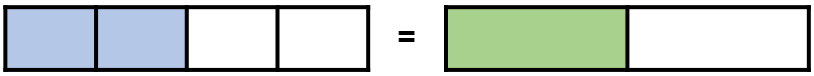
Questions 3, 6 and 9 (Problem Solving and Reasoning)
Developing Explain whether the fractions are all equivalent to a given fraction, using halves and quarters. Pictorial support for most fractions.
Expected Explain whether the fractions are all equivalent to a given fraction, using halves, thirds, fifths, sixths, eighths and tenths. Pictorial support for some fractions.
Greater Depth Explain whether the fractions are all equivalent to a given fraction, using halves, thirds, quarters, fifths, sixths, eighths and tenths and some non-unit fractions. Less pictorial support is provided.

More Year 3 Fractions resources.

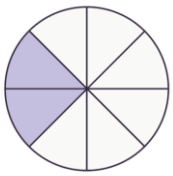
Did you like this resource? Don't forget to review it on our website.

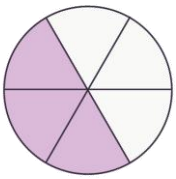
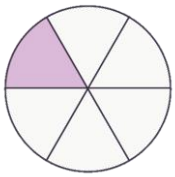
Equivalent Fractions 1

1. Circle all the equivalent fractions that are correct.

A.  =

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

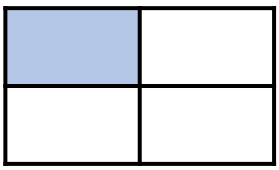
C. $\frac{1}{4}$ = 

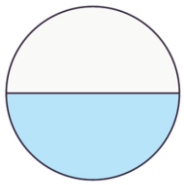
D.  = 

D

VF
HW/Ext

2. Match the fractions to their equivalents.

A.  = _____

B.  = _____

$\frac{2}{8}$ 	$\frac{4}{8}$ 	$\frac{2}{10}$ 

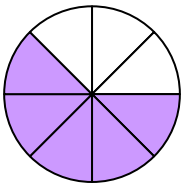
$\frac{1}{4}$ 	$\frac{2}{6}$ 	$\frac{3}{6}$ 

D

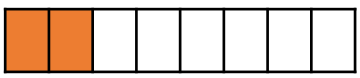
VF
HW/Ext

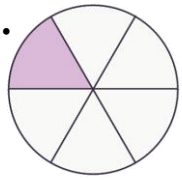
3. Zakib says,

All these fractions are equivalent to $\frac{1}{4}$. 

A. 

B. $\frac{2}{8}$

C. 

D. 

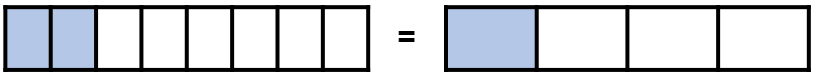
Is he correct? Explain your answer.

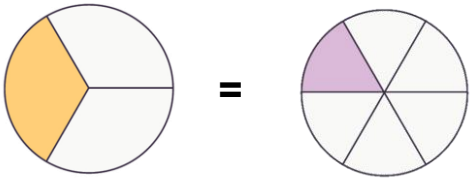
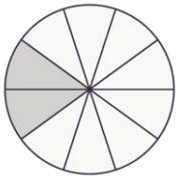
D

RPS
HW/Ext

Equivalent Fractions 1

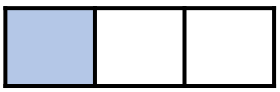
4. Circle all the equivalent fractions that are correct.

A.  B. $\frac{1}{6} = \frac{6}{12}$

C.  D. $\frac{1}{5}$ = 

VF
HW/Ext

5. Match the fractions to their equivalents.

A.  = ____

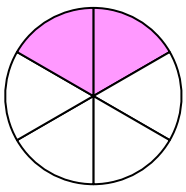
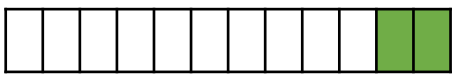
B. $\frac{1}{8}$ = ____

$\frac{1}{6}$	$\frac{2}{6}$	$\frac{2}{9}$	$\frac{1}{2}$	$\frac{2}{10}$	$\frac{2}{16}$

VF
HW/Ext

6. Parveen says,

All these fractions are equivalent to $\frac{1}{6}$.

A.  B. $\frac{2}{12}$ C.  D. $\frac{4}{6}$

Is she correct? Explain your answer.

RPS
HW/Ext

Equivalent Fractions 1

7. Circle all the equivalent fractions that are correct.

A. $\frac{2}{6} = \frac{7}{12}$

B. $\frac{3}{5} = \frac{6}{10}$

C. $\frac{3}{4} = \frac{9}{12}$

D. $\frac{4}{5} = \frac{9}{10}$

GD

VF
HW/Ext

8. Match the fractions to their equivalents.

A. $\frac{3}{10} = \_\_\_$

B.  $= \_\_\_$

$\frac{4}{20}$	$\frac{6}{20}$	$\frac{8}{20}$	$\frac{3}{6}$	$\frac{7}{9}$	$\frac{8}{12}$

GD

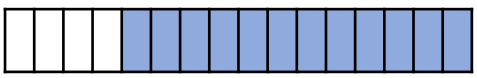
VF
HW/Ext

9. Ashley says,

All these fractions are equivalent to $\frac{6}{8}$.

A. $\frac{14}{16}$

B. $\frac{15}{16}$

C. 

D. $\frac{12}{16}$

Is she correct? Explain your answer.

GD

RPS
HW/Ext

Homework/Extension
Equivalent Fractions 1

Developing

1. A and C
2. A. $\frac{1}{4} = \frac{2}{8}$ B. $\frac{1}{2} = \frac{3}{6}$
3. No, A and D are not equivalent to $\frac{1}{4}$.

Expected

4. A and D
5. A. $\frac{1}{3} = \frac{2}{6}$ B. $\frac{1}{8} = \frac{2}{16}$
6. No, A and D are not equivalent to $\frac{1}{6}$.

Greater Depth

7. B and C
8. A. $\frac{3}{10} = \frac{6}{20}$ B. $\frac{2}{3} = \frac{8}{12}$
9. No, A and B are not equivalent to $\frac{6}{8}$.