# Varied Fluency
# Step 2: Making the Whole

## National Curriculum Objectives:

**Mathematics Year 3: (3F1b) Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators**
**Mathematics Year 3: (3F1c) Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators**

## Differentiation:

**Developing Questions to support making the whole. Using halves, thirds and quarters with images. Denominators given.**
**Expected Questions to support making the whole. Denominators not provided.**
**Greater Depth Questions to support making the whole. Limited images. Some statements include fractions with only one denominator and one numerator provided. Up to 3 fractions used to make a whole.**

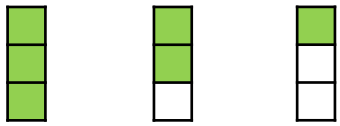
## More Year 3 Fractions resources.

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

# Making the Whole

1a. Join the representation to the correct fraction.

A. B. C.



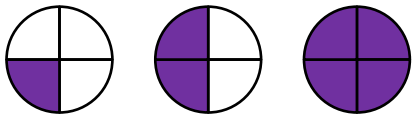
$\frac{2}{3}$ $\frac{3}{3}$ $\frac{1}{3}$

VF

# Making the Whole

1b. Join the representation to the correct fraction.

A. B. C.



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

VF

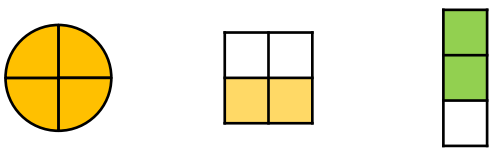
2a. Tick the image which is equivalent to a whole.

A. B. C.

VF

2b. Tick the image which is equivalent to a whole.

A. B. C.



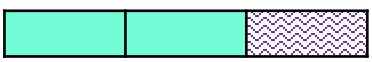
VF

3a. Use the image to complete the sentence.

$\frac{\square}{2}$ and $\frac{\square}{2}$ make $\frac{\square}{\square}$

VF

3b. Use the image to complete the sentence.



$\frac{\square}{3}$ and $\frac{\square}{3}$ make $\frac{\square}{\square}$

VF

4a. Circle the two representations that make a whole.

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

VF

4b. Circle two fractions which make a whole.

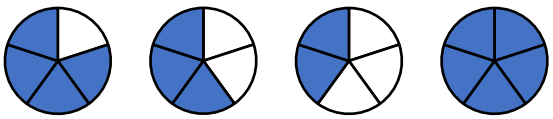
$\frac{2}{4}$ $\frac{3}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

VF

# Making the Whole

5a. Complete the fractions and join them to the correct representation.

A. B. C. D.

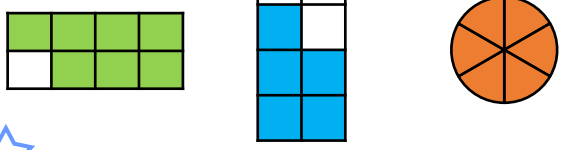


$\frac{5}{\square}$ $\frac{2}{\square}$ $\frac{3}{\square}$ $\frac{4}{\square}$

VF

6a. Tick the image which is equivalent to a whole. Write the fraction for each representation.

A. B. C.



VF

7a. Use the image to complete the sentence.

$\frac{2}{\square}$ and $\frac{\square}{\square}$ make $\frac{6}{\square}$

VF

8a. Circle the two fractions that make a whole.

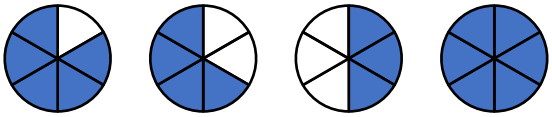
$\frac{1}{7}$ $\frac{3}{7}$ $\frac{4}{7}$ $\frac{5}{7}$

VF

# Making the Whole

5b. Complete the fractions and join them to the correct representation.

A. B. C. D.

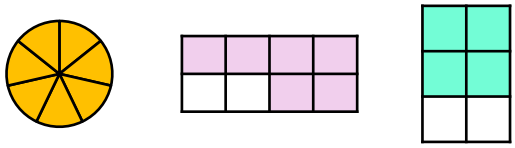


$\frac{3}{\square}$ $\frac{6}{\square}$ $\frac{5}{\square}$ $\frac{4}{\square}$

VF

6b. Tick the image which is equivalent to a whole. Write the fraction for each representation.

A. B. C.



VF

7b. Use the image to complete the sentence.

$\frac{3}{\square}$ and $\frac{\square}{\square}$ make $\frac{5}{\square}$

VF

8b. Circle the two fractions that make a whole.

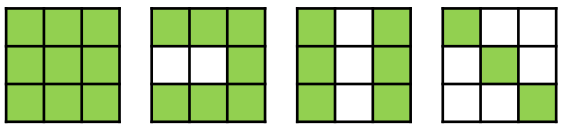
$\frac{4}{8}$ $\frac{6}{8}$ $\frac{5}{8}$ $\frac{2}{8}$

VF

## Making the Whole

9a. Complete the fractions and join them to the correct representation.

A. B. C. D.



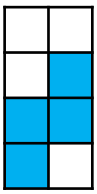
$\square/\square$ $\square/\square$ $\square/\square$ $\square/\square$

GD VF

10a. Tick the fraction which is equivalent to a whole.

A. $\frac{5}{9}$

B.



C. nine ninths

GD VF

11a. Shade the image and complete the sentence.

$\square/8$ and $2/\square$ and $\square/8$ makes $\square/\square$

GD VF

12a. Circle the three fractions that make a whole.

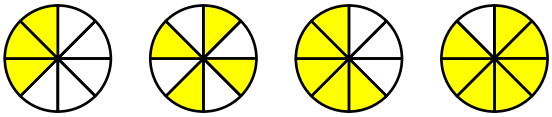
$\frac{1}{9}$ $\frac{4}{9}$ $\frac{2}{9}$ $\frac{6}{9}$ $\frac{5}{9}$

GD VF

## Making the Whole

9b. Complete the fractions and join them to the correct representation.

A. B. C. D.

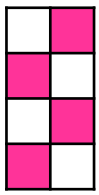


$\square/\square$ $\square/\square$ $\square/\square$ $\square/\square$

GD VF

10b. Tick the fraction which is equivalent to a whole.

A.



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

C. seven eighths

GD VF

11b. Shade the image and complete the sentence.

$\square/9$ and $1/\square$ and $\square/9$ makes $\square/\square$

GD VF

12b. Circle the three fractions that make a whole.

$\frac{2}{7}$ $\frac{4}{7}$ $\frac{6}{7}$ $\frac{1}{7}$ $\frac{7}{7}$

GD VF

## Varied Fluency
## Making the Whole

### Developing

1a. A: $\frac{3}{3}$; B: $\frac{2}{3}$; C: $\frac{1}{3}$

2a. B

3a. $\frac{1}{2}$ and $\frac{1}{2}$ make $\frac{2}{2}$

4a. $\frac{1}{4}$ and $\frac{3}{4}$

### Expected

5a. A: $\frac{4}{5}$; B: $\frac{3}{5}$; C: $\frac{2}{5}$; D: $\frac{5}{5}$

6a. C. A: $\frac{7}{8}$; B: $\frac{5}{8}$; C: $\frac{6}{6}$

7a. $\frac{2}{6}$ and $\frac{4}{6}$ make $\frac{6}{6}$

8a. $\frac{3}{7}$ and $\frac{4}{7}$

### Greater Depth

9a. A: $\frac{9}{9}$; B: $\frac{7}{9}$; C: $\frac{6}{9}$; D: $\frac{3}{9}$

10a. C

11a. $\frac{2}{8}$ and $\frac{2}{8}$ and $\frac{4}{8}$ makes $\frac{8}{8}$

12a. $\frac{1}{9}$ and $\frac{2}{9}$ and $\frac{6}{9}$


## Varied Fluency
## Making the Whole


### Developing

1b. A: $\frac{1}{4}$; B: $\frac{2}{4}$; C: $\frac{4}{4}$

2b. A

3b. $\frac{2}{3}$ and $\frac{1}{3}$ make $\frac{3}{3}$

4b. $\frac{2}{4}$ and $\frac{2}{4}$

### Expected

5b. A: $\frac{5}{6}$; B: $\frac{4}{6}$; C: $\frac{3}{6}$; D: $\frac{6}{6}$

6b. A. A: $\frac{7}{7}$; B: $\frac{6}{8}$; C: $\frac{4}{6}$

7b. $\frac{3}{5}$ and $\frac{2}{5}$ make $\frac{5}{5}$

8b. $\frac{6}{8}$ and $\frac{2}{8}$

### Greater Depth

9b. A: $\frac{3}{8}$; B: $\frac{4}{8}$; C: $\frac{5}{8}$; D: $\frac{7}{8}$

10b. B

11b. $\frac{5}{9}$ and $\frac{1}{9}$ and $\frac{3}{9}$ makes $\frac{9}{9}$

12b. $\frac{2}{7}$ and $\frac{4}{7}$ and $\frac{1}{7}$