

# 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 1: (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 fractions up to quarters.

**Expected** Questions to support making the whole. Using fractions up to sevenths.

**Greater Depth** Questions to support making the whole. Using fractions up to ninths.

More [Year 3 and 4 Fractions](#) resources.

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

## Making the Whole

1a. Match the images to the correct fractions.

A.



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

B.



$$\frac{3}{3}$$

C.



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

Which fraction is equal to a whole?

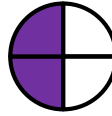


3 VF

## Making the Whole

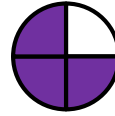
1b. Match the images to the correct fractions.

A.



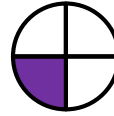
$$\frac{3}{4}$$

B.



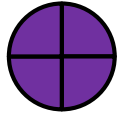
$$\frac{1}{4}$$

C.



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

D.



$$\frac{4}{4}$$

Which fraction is equal to a whole?



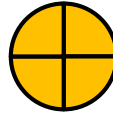
3 VF

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



3 VF

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



3 VF

3a. True or false?

$\frac{3}{4}$  and  $\frac{3}{3}$  are both equal to one whole.



3 VF

3b. True or false?

$\frac{2}{2}$  and  $\frac{2}{3}$  are both equal to one whole.



3 VF

4a. Use the image to complete the sentence.



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



3 VF

4b. Use the image to complete the sentence.



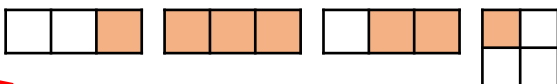
$\frac{\square}{4}$  and  $\frac{\square}{4}$  make  $\frac{\square}{\square}$



3 VF

5a. Circle two fractions which make a whole.

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



3 VF

5b. Circle two fractions which make a whole.

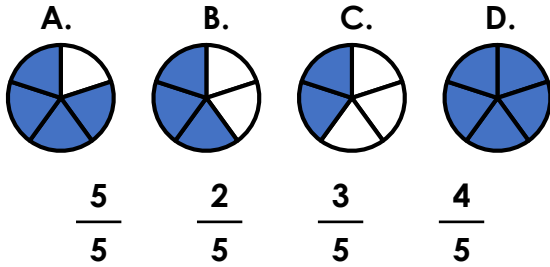
$\frac{1}{2}$        $\frac{1}{2}$        $\frac{1}{4}$        $\frac{3}{4}$



3 VF

## Making the Whole

6a. Match the images to the correct fractions.



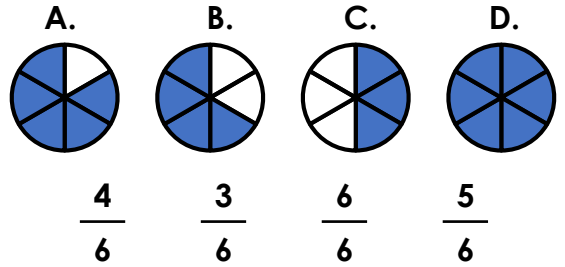
Which fraction is equal to a whole?



3 VF

## Making the Whole

6b. Match the images to the correct fractions.

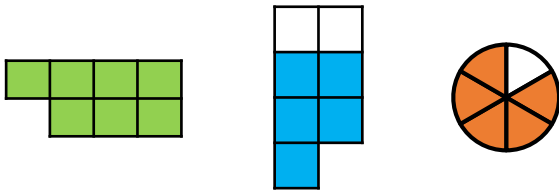


Which fraction is equal to a whole?



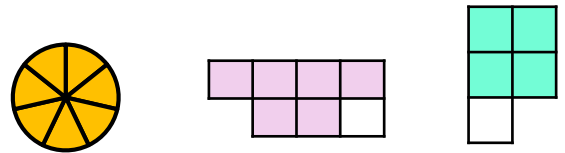
3 VF

7a. Tick the image which is equivalent to a whole.



3 VF

7b. Tick the image which is equivalent to a whole.



3 VF

8a. True or false?

$\frac{6}{6}$  and  $\frac{6}{7}$  are both equal to one whole.



3 VF

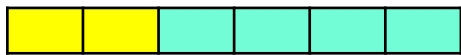
8b. True or false?

$\frac{4}{4}$  and  $\frac{4}{5}$  are both equal to one whole.



3 VF

9a. Use the image to complete the sentence.



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



3 VF

9b. Use the image to complete the sentence.



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



3 VF

10a. Circle two fractions which make a whole.

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



3 VF

10b. Circle two fractions which make a whole.

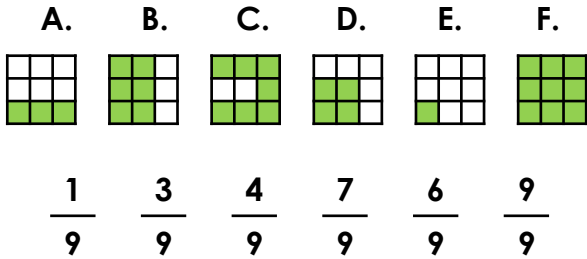
$\frac{4}{5}$        $\frac{2}{6}$        $\frac{1}{5}$        $\frac{5}{5}$



3 VF

## Making the Whole

11a. Match the images to the correct fractions.



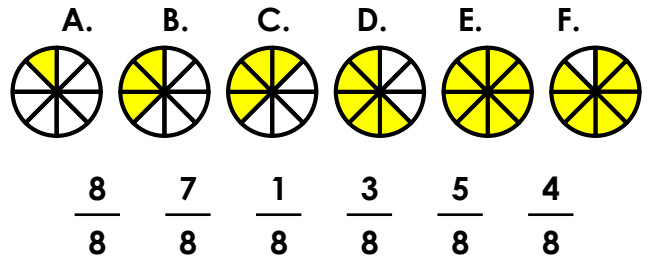
Which fraction is equal to a whole?



3 VF

## Making the Whole

11b. Match the images to the correct fractions.

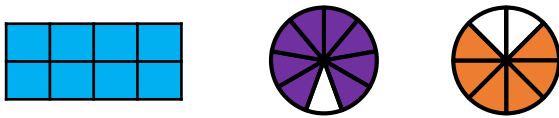


Which fraction is equal to a whole?



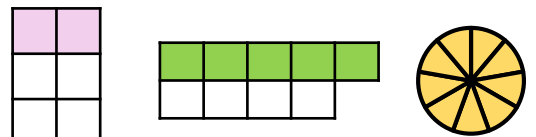
3 VF

12a. Tick the image which is equivalent to a whole.



3 VF

12b. Tick the image which is equivalent to a whole.



3 VF

13a. True or false?

$\frac{9}{9}$  and  $\frac{7}{7}$  are both equal to one whole.



3 VF

13b. True or false?

$\frac{8}{8}$  and  $\frac{8}{9}$  are both equal to one whole.



3 VF

14a. Use the image to complete the sentence.



$\frac{\square}{8}$  and  $\frac{\square}{\square}$  and  $\frac{\square}{8}$  make  $\frac{\square}{\square}$



3 VF

14b. Use the image to complete the sentence.



$\frac{\square}{9}$  and  $\frac{\square}{\square}$  and  $\frac{\square}{9}$  make  $\frac{\square}{\square}$



3 VF

15a. Circle two fractions which make a whole.

$\frac{1}{8}$     $\frac{6}{8}$     $\frac{2}{9}$     $\frac{4}{9}$     $\frac{5}{9}$



3 VF

15b. Circle two fractions which make a whole.

$\frac{2}{9}$     $\frac{6}{9}$     $\frac{6}{7}$     $\frac{1}{8}$     $\frac{1}{7}$



3 VF

## Varied Fluency Making the Whole

### Developing

1a. A.  $\frac{3}{3}$  B.  $\frac{2}{3}$  C.  $\frac{1}{3}$  A is equal to a whole.



3a. False.  $\frac{3}{3}$  is equal to a whole.

4a.  $\frac{1}{3}$  and  $\frac{2}{3}$  make  $\frac{3}{3}$

5a.  $\frac{1}{3}$   $\frac{2}{3}$

### Expected

6a. A.  $\frac{4}{5}$  B.  $\frac{3}{5}$  C.  $\frac{2}{5}$  D.  $\frac{5}{5}$  D is equal to a whole.



8a. False.  $\frac{6}{6}$  is equal to a whole.

9a.  $\frac{2}{6}$  and  $\frac{4}{6}$  make  $\frac{6}{6}$

10a.  $\frac{3}{7}$   $\frac{4}{7}$

### Greater Depth

11a. A.  $\frac{3}{9}$  B.  $\frac{6}{9}$  C.  $\frac{7}{9}$  D.  $\frac{4}{9}$  E.  $\frac{1}{9}$  F.  $\frac{9}{9}$  F is equal to a whole.



13a. True.

14a.  $\frac{2}{8}$  and  $\frac{2}{8}$  and  $\frac{4}{8}$  make  $\frac{8}{8}$

15a.  $\frac{4}{9}$   $\frac{5}{9}$

## Varied Fluency Making the Whole

### Developing

1b. A.  $\frac{2}{4}$  B.  $\frac{3}{4}$  C.  $\frac{1}{4}$  D.  $\frac{4}{4}$  D is equal to a whole.



3b. False.  $\frac{2}{2}$  is equal to a whole.

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

5b.  $\frac{1}{2}$   $\frac{1}{2}$  or  $\frac{1}{4}$   $\frac{3}{4}$

### Expected

6b. A.  $\frac{5}{6}$  B.  $\frac{4}{6}$  C.  $\frac{3}{6}$  D.  $\frac{6}{6}$  D is equal to a whole.



8b. False.  $\frac{4}{4}$  is equal to a whole.

9b.  $\frac{3}{5}$  and  $\frac{2}{5}$  make  $\frac{5}{5}$

10b.  $\frac{4}{5}$   $\frac{1}{5}$

### Greater Depth

11b. A.  $\frac{1}{8}$  B.  $\frac{3}{8}$  C.  $\frac{4}{8}$  D.  $\frac{5}{8}$  E.  $\frac{8}{8}$  F.  $\frac{7}{8}$  E is equal to a whole.



13b. False.  $\frac{8}{8}$  is equal to a whole.

14b.  $\frac{4}{9}$  and  $\frac{2}{9}$  and  $\frac{3}{9}$  make  $\frac{9}{9}$

15b.  $\frac{6}{7}$   $\frac{1}{7}$