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 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.   B.   C.

$\dfrac{2}{3}$ $\dfrac{3}{3}$ $\dfrac{1}{3}$

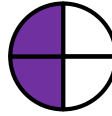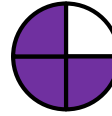Which fraction is equal to a whole?

VF

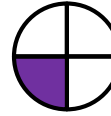**1b.** Match the images to the correct fractions.
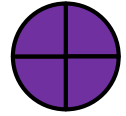
A.   B.   C.   D.

$\dfrac{3}{4}$ $\dfrac{1}{4}$ $\dfrac{2}{4}$ $\dfrac{4}{4}$
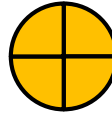
Which fraction is equal to a whole?

VF

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

VF

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

VF

3a. True or false?

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

VF

3b. True or false?

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

VF

4a. Use the image to complete the sentence.

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

VF
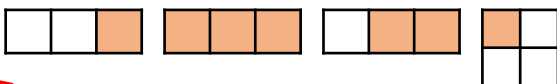
4b. Use the image to complete the sentence.

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

VF

5a. Circle two fractions which make a whole.

$\dfrac{1}{3}$ $\dfrac{3}{3}$ $\dfrac{2}{3}$ $\dfrac{1}{4}$
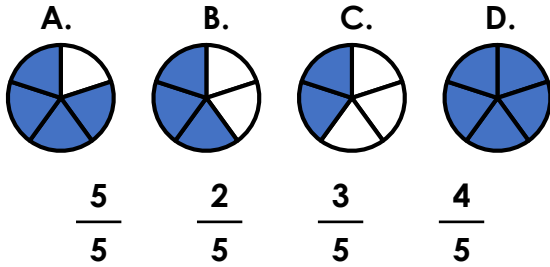
VF

5b. Circle two fractions which make a whole.

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

VF

classroomsecrets.co.uk

Varied Fluency – Making the Whole – Year 3 Developing

6a. Match the images to the correct fractions.

A.   B.   C.   D.

$\dfrac{5}{5}$ $\dfrac{2}{5}$ $\dfrac{3}{5}$ $\dfrac{4}{5}$

Which fraction is equal to a whole?

6b. Match the images to the correct fractions.

A.   B.   C.   D.

$\dfrac{4}{6}$ $\dfrac{3}{6}$ $\dfrac{6}{6}$ $\dfrac{5}{6}$
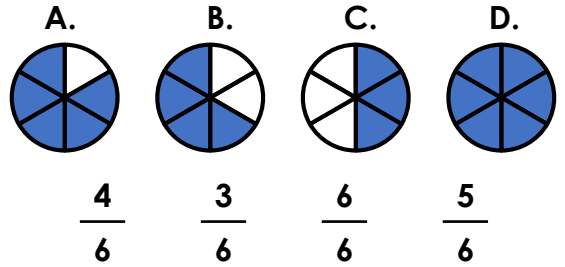
Which fraction is equal to a whole?

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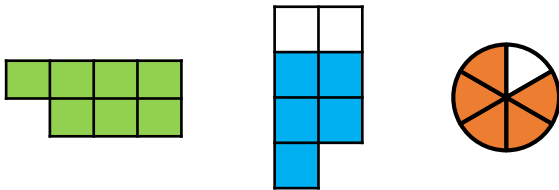
7b. Tick the image which is equivalent to a whole.

8a. True or false?

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

8b. True or false?

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

9a. Use the image to complete the sentence.

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

9b. Use the image to complete the sentence.

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

10a. Circle two fractions which make a whole.

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

10b. Circle two fractions which make a whole.

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

Making the Whole

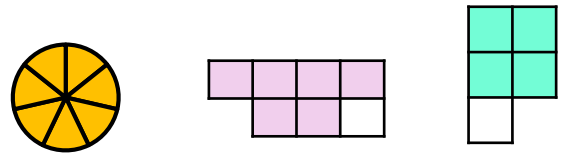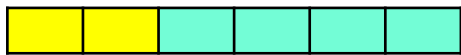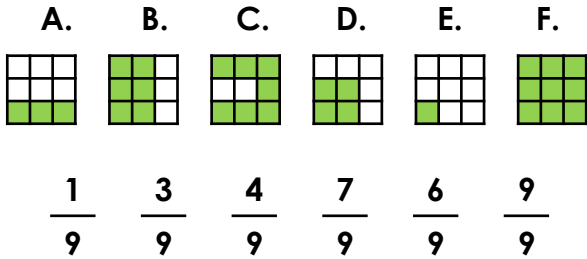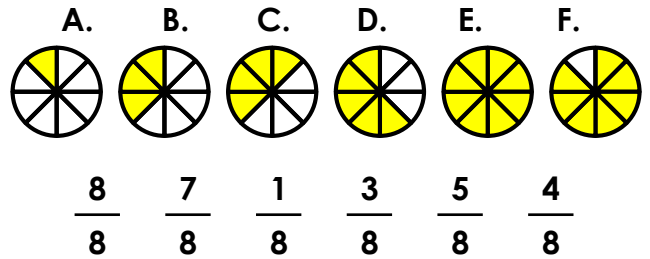**11a.** Match the images to the correct fractions.

A.   B.   C.   D.   E.   F.

$\dfrac{1}{9}$ $\dfrac{3}{9}$ $\dfrac{4}{9}$ $\dfrac{7}{9}$ $\dfrac{6}{9}$ $\dfrac{9}{9}$

Which fraction is equal to a whole?

VF

11b. Match the images to the correct fractions.

A.   B.   C.   D.   E.   F.

$\dfrac{8}{8}$ $\dfrac{7}{8}$ $\dfrac{1}{8}$ $\dfrac{3}{8}$ $\dfrac{5}{8}$ $\dfrac{4}{8}$
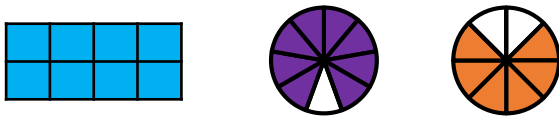
Which fraction is equal to a whole?
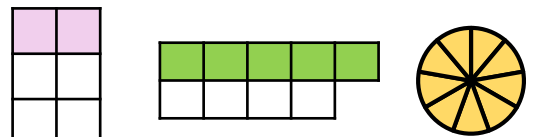
VF

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

VF

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

VF

13a. True or false?

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

VF

13b. True or false?

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

VF

14a. Use the image to complete the sentence.

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

VF

14b. Use the image to complete the sentence.

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

VF

15a. Circle two fractions which make a whole.

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

VF

15b. Circle two fractions which make a whole.

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

VF

classroomsecrets.co.uk

Varied Fluency – Making the Whole – Year 3 Greater Depth

Developing

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

2a.

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.

7a.

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.

12a.

13a. True.

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

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

Developing

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

2b.

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.

7b.

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.

12b.

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