Varied Fluency
Step 7: Subtract Fractions

National Curriculum Objectives:

Mathematics Year 3: (3F4) Add and subtract fractions with the same denominator within one whole [for example, 5/7 + 1/7 = 6/7]
Mathematics Year 3: (3F10) Solve problems that involve the above objectives

Differentiation:

Developing Questions to support subtracting fractions where the denominator is less than 10. With pictorial support.
Expected Questions to support subtracting fractions where the denominator is 12 or less. With some pictorial support.
Greater Depth Questions to support subtracting one or two fractions where the denominators are 12 or less (where one equivalent fraction needs simplifying). Minimal pictorial support.

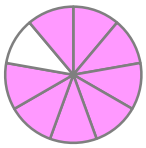
More Year 3 Fractions resources.

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

Subtract Fractions

1a. Complete the calculation.

$\frac{8}{9} - \frac{6}{9} = \frac{\square}{\square}$



D VF

1b. Complete the calculation.

$\frac{4}{7} - \frac{2}{7} = \frac{\square}{\square}$

D VF

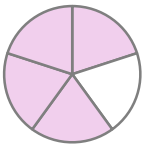
2a. Fill in the missing numerator.

$\frac{5}{8} - \frac{\square}{8} = \frac{1}{8}$

D VF

2b. Fill in the missing numerator.

$\frac{4}{5} - \frac{\square}{5} = \frac{2}{5}$



D VF

3a. Write a statement to match the images.

D VF

3b. Write a statement to match the images.

D VF

4a. Draw an image to match the statement.

$\frac{3}{5} - \frac{2}{5} = \frac{1}{5}$

D VF

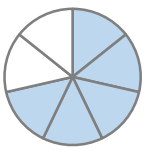
4b. Draw an image to match the statement.

$\frac{4}{4} - \frac{2}{4} = \frac{2}{2}$

D VF

5a. Five-sevenths subtract two-sevenths equals four-sevenths.

True or false?



D VF

5b. Three-quarters subtract two-quarters equals one-quarter.

True or false?

D VF

Subtract Fractions

6a. Complete the calculation.

$$\frac{10}{12} - \frac{6}{12} = \frac{\square}{\square}$$

VF

Subtract Fractions

6b. Complete the calculation.

$$\frac{9}{10} - \frac{5}{10} = \frac{\square}{\square}$$

VF

7a. Fill in the missing numerator.

$$\frac{\square}{9} - \frac{5}{9} = \frac{3}{9}$$

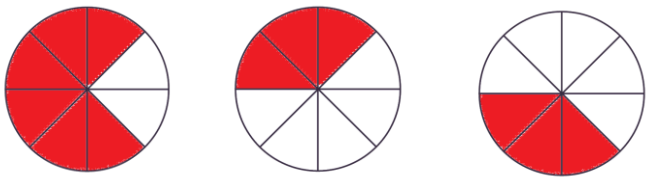
VF

7b. Fill in the missing numerator.

$$\frac{\square}{6} - \frac{4}{6} = \frac{2}{6}$$

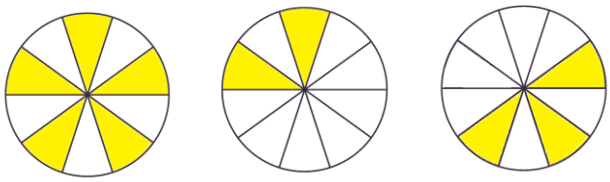
VF

8a. Write a statement to match the images.



VF

8b. Write a statement to match the images.



VF

9a. Draw an image to match the statement.

$$\frac{7}{8} - \frac{6}{8} = \frac{1}{8}$$

VF

9b. Draw an image to match the statement.

$$\frac{9}{10} - \frac{5}{10} = \frac{4}{10}$$

VF

10a. Seven-ninths subtract two-ninths equals four-ninths.

True or false?

VF

10b. Eight-tenths subtract two-tenths equals six-tenths.

True or false?

VF

Subtract Fractions

11a. Complete the calculation.

$$\frac{3}{5} - \frac{2}{10} = \frac{\square}{5}$$

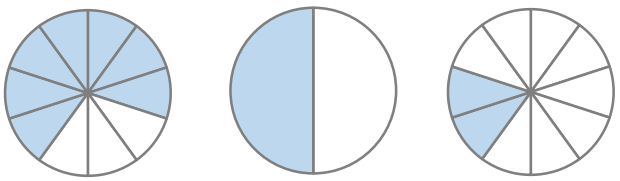
GD VF

12a. Fill in the missing numerator.

$$\frac{\square}{4} - \frac{2}{8} = \frac{1}{4}$$

GD VF

13a. Write a statement to match the images.



GD VF

14a. Draw an image to match the statement.

$$\frac{2}{5} - \frac{2}{10} = \frac{1}{5}$$

GD VF

15a. Eight-tenths subtract six-twentieths equals five-tenths.

True or false?

GD VF

Subtract Fractions

11b. Complete the calculation.

$$\frac{7}{8} - \frac{6}{16} = \frac{\square}{8}$$

GD VF

12b. Fill in the missing numerator.

$$\frac{\square}{5} - \frac{4}{10} = \frac{3}{5}$$

GD VF

13b. Write a statement to match the images.

GD VF

14b. Draw an image to match the statement.

$$\frac{9}{10} - \frac{8}{20} = \frac{5}{10}$$

GD VF

15b. Eight-eighths subtract four-sixteenths equals four-eighths.

True or false?

GD VF

Varied Fluency
Subtract Fractions

Developing

1a. $\frac{2}{9}$

2a. 4

3a. $\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$

4a. Accept any images split into 5 equal parts where 3 parts are shaded, with 2 of the 3 parts crossed out.

5a. False - the answer is $\frac{3}{7}$.

Expected

6a. $\frac{4}{12}$

7a. 8

8a. $\frac{6}{8} - \frac{3}{8} = \frac{3}{8}$

9a. Accept any images split into 8 equal parts where 7 part are shaded, with 6 of the 7 parts crossed out.

10a. False - the answer is $\frac{5}{9}$.

Greater Depth

11a. 2

12a. 2

13a. $\frac{7}{10} - \frac{1}{2} = \frac{2}{10}$

14a. Accept any images split into 5 equal parts where 2 parts are shaded, with I of those parts crossed out.

15a. True

Varied Fluency
Subtract Fractions

Developing

1b. $\frac{2}{7}$

2b. 2

3b. $\frac{5}{6} - \frac{3}{6} = \frac{2}{6}$

4b. Accept any images split into 4 equal parts where 4 parts are shaded, with 2 of the 4 parts crossed out.

5a. True

Expected

6b. $\frac{4}{10}$

7b. 6

8b. $\frac{5}{10} - \frac{2}{10} = \frac{3}{10}$

9a. Accept any images split into 10 equal parts where 9 parts are shaded, with 5 of the 9 parts crossed out.

10a. True

Greater Depth

11b. 4

12b. 5

13a. $\frac{7}{8} - \frac{1}{2} = \frac{3}{8}$

14a. Accept any images split into 10 equal parts where 9 parts are shaded, with 4 of those parts crossed out.

15a. False – the answer is $\frac{6}{8}$.