Varied Fluency – Add 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 adding fractions. Using 1/2 and 1/4 .
Expected Questions to support adding fractions. Using 1/3, 1/5 and 1/10.
Greater Depth Questions to support adding fractions. Using 1/6, 1/7, 1/8 and 1/9.

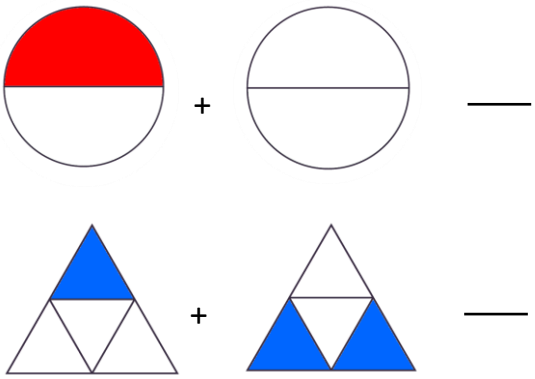
More Year 3 Fractions resources.

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

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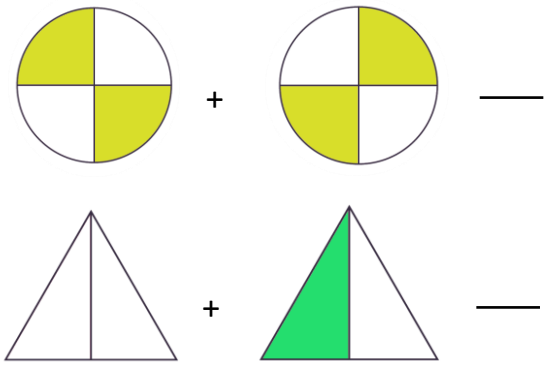
Varied Fluency – Add Fractions

1a. Complete these fraction sentences.



D VF

1b. Complete these fraction sentences.



D VF

2a. Complete this fraction sentence.

$$\frac{1}{2} + \frac{\quad}{2} = \frac{2}{2}$$

D VF

2b. Complete this fraction sentence.

$$\frac{\quad}{4} + \frac{1}{4} = \frac{3}{4}$$

D VF

3a. True or false?

$$\frac{1}{4} + \frac{3}{4} = \frac{4}{8}$$

D VF

3b. True or false?

$$\frac{1}{2} + \frac{1}{2} = \frac{2}{2}$$

D VF

4a. Change one number to make this fraction sentence correct.

$$\frac{3}{4} + \frac{1}{4} = \frac{4}{8}$$

D VF

4b. Change one number to make this fraction sentence correct.

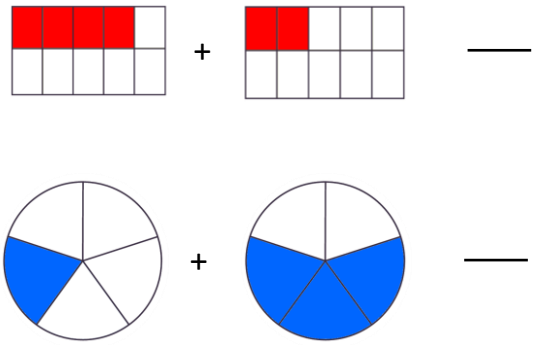
$$\frac{1}{2} + \frac{1}{2} = \frac{2}{4}$$

D VF

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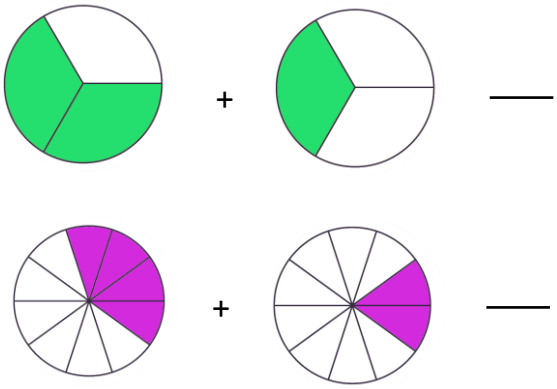
Varied Fluency – Add Fractions

5a. Complete these fraction sentences.



VF

5b. Complete these fraction sentences.



VF

6a. Complete this fraction sentence.

$$\frac{3}{\quad} + \frac{\quad}{10} = \frac{7}{10}$$

VF

6b. Complete this fraction sentence.

$$\frac{\quad}{5} + \frac{2}{\quad} = \frac{4}{5}$$

VF

7a. True or false?

$$\frac{3}{10} + \frac{4}{10} = \frac{7}{20}$$

VF

7b. True or false?

$$\frac{2}{8} + \frac{5}{8} = \frac{6}{8}$$

VF

8a. Change one number to make this fraction sentence correct.

$$\frac{4}{10} + \frac{4}{10} = \frac{8}{20}$$

VF

8b. Change one number to make this fraction sentence correct.

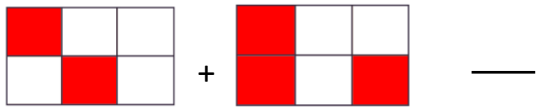
$$\frac{3}{5} + \frac{2}{5} = \frac{6}{5}$$

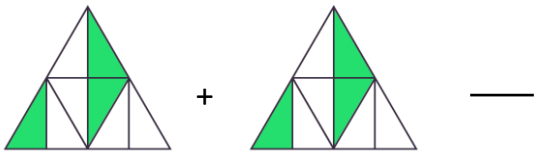
VF

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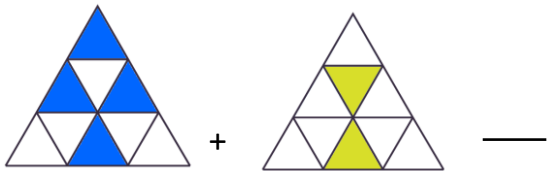
9a. Complete these fraction sentences.

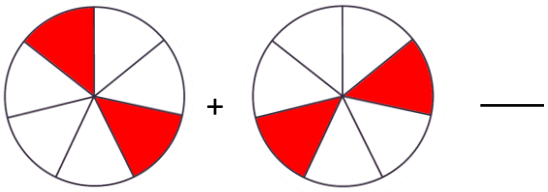




GD VF

9b. Complete these fraction sentences.





GD VF

10a. Complete this fraction sentence.

$$\frac{\quad}{8} + \frac{3}{\quad} = \frac{7}{8}$$

GD VF

10b. Complete this fraction sentence.

$$\frac{2}{\quad} + \frac{\quad}{6} = \frac{5}{6}$$

GD VF

11a. True or false?

$$\frac{4}{7} + \frac{3}{7} = \frac{7}{7}$$

GD VF

11b. True or false?

$$\frac{6}{9} + \frac{2}{9} = \frac{9}{9}$$

GD VF

12a. Change one number to make this fraction sentence correct.

$$\frac{2}{7} + \frac{5}{7} = \frac{6}{7}$$

GD VF

12b. Change one number to make this fraction sentence correct.

$$\frac{2}{6} + \frac{3}{6} = \frac{5}{12}$$

GD VF

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Varied Fluency – Add Fractions

Developing

1a. $\frac{1}{2}$, $\frac{3}{4}$

1b. $\frac{4}{4}$, $\frac{1}{2}$

2a. $\frac{1}{2} + \frac{1}{2} = \frac{2}{2}$

2b. $\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$

3a. False

3b. True

4a. $\frac{3}{4} + \frac{1}{4} = \frac{4}{4}$

4b. $\frac{1}{2} + \frac{1}{2} = \frac{2}{2}$

Expected

5a. $\frac{6}{10}$, $\frac{4}{5}$

5b. $\frac{3}{3}$, $\frac{6}{10}$

6a. $\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$

6b. $\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$

7a. False

7b. False

8a. $\frac{4}{10} + \frac{4}{10} = \frac{8}{10}$

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

Greater Depth

9a. $\frac{5}{6}$, $\frac{6}{8}$

9b. $\frac{6}{9}$, $\frac{4}{7}$

10a. $\frac{4}{8} + \frac{3}{8} = \frac{7}{8}$

10b. $\frac{2}{6} + \frac{3}{6} = \frac{5}{6}$

11a. True

11b. False

12a. $\frac{2}{7} + \frac{5}{7} = \frac{7}{7}$

12b. $\frac{2}{6} + \frac{3}{6} = \frac{5}{6}$

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