ALBERT

Name _____ Date _____

Adding and Subtracting Fractions Worksheet

Grade 4 · Common Core 4.NF.B.3a

> Understand addition and subtraction of fractions as joining and separating parts referring to the same whole.

Practice

Builds the skill step by step.

1. $\frac{2}{5} + \frac{1}{5} =$ ___

2. $\frac{5}{8} - \frac{2}{8} =$ ___

3. The bar shows $\frac{2}{6}$ shaded. Then $\frac{3}{6}$ more is shaded. What fraction of the bar is shaded now?



4. $\frac{3}{10} + \frac{4}{10} = ?$

   A. $\frac{1}{10}$

   B. $\frac{7}{20}$

   C. $\frac{7}{10}$

   D. $\frac{12}{10}$

5. $\frac{7}{12} - \frac{4}{12} =$ ___

6. $\frac{1}{4} + \frac{2}{4} =$ ___

7. Why is $\frac{2}{8} + \frac{3}{8}$ NOT equal to $\frac{5}{16}$?

   A. Because 2 + 3 = 6.

   B. The parts are still eighths, so you count 5 eighths: $\frac{5}{8}$.

   C. It is equal to $\frac{5}{16}$.

   D. Because you should multiply the bottom numbers.

8. $\frac{9}{10} - \frac{6}{10} =$ ___

9. $\frac{2}{6} + \frac{2}{6} + \frac{1}{6} =$ ___

10. $\frac{4}{5} - \frac{4}{5} =$ ___

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On Level

Grade-level practice.

1. $\frac{5}{12} + \frac{6}{12} =$ ___

2. $\frac{7}{8} - \frac{3}{8} =$ ___

3. $\frac{3}{4} + \frac{3}{4} =$ ___

4. $1 - \frac{3}{8} =$ ___

5. Ty says $\frac{4}{6} - \frac{1}{6} = 3$ because $4 - 1 = 3$. What is the correct answer?

   A. $\frac{3}{12}$

   B. 3

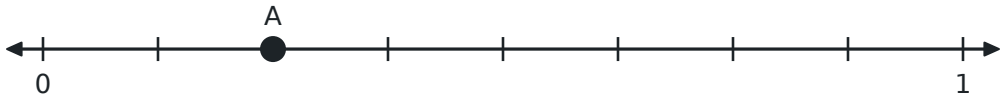
   C. $\frac{5}{6}$

   D. $\frac{3}{6}$, because you subtract the sixths and the parts stay sixths

6. Fill in the box: $\frac{\square}{10} + \frac{3}{10} = \frac{9}{10}$

7. $\frac{6}{5} - \frac{2}{5} =$ ___

8. On the number line, start at point A and jump forward $\frac{5}{8}$. Where do you land?



9. $\frac{2}{3} + \frac{2}{3} =$ ___

10. Fill in the box: $\frac{11}{12} - \frac{\square}{12} = \frac{4}{12}$

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Challenge

Multi-step and word problems that stretch it.

1. $\frac{2}{8} + \frac{3}{8} + \frac{1}{8} =$ ___

2. $\frac{9}{10} - \frac{2}{10} - \frac{3}{10} =$ ___

3. Nia joins $\frac{1}{2}$ of a long red ribbon and $\frac{1}{2}$ of a short blue ribbon. Does she have 1 whole red ribbon's length?

   A. No, because the two halves come from different wholes.

   B. Yes, because $\frac{1}{2} + \frac{1}{2} = 1$.

   C. Yes, because both are halves.

   D. No, because she needs 3 halves.

4. $1 - \frac{5}{12} =$ ___

5. The same number goes in both boxes: $\frac{\square}{6} + \frac{\square}{6} = 1$. What is the number?

6. $\frac{4}{3} - \frac{2}{3} =$ ___

7. Fill in the box: $\frac{3}{8} + \square = 1$

8. Which sum equals $\frac{5}{6}$?

   A. $\frac{1}{6} + \frac{1}{6}$

   B. $\frac{2}{3} + \frac{3}{3}$

   C. $\frac{4}{6} + \frac{2}{6}$

   D. $\frac{2}{6} + \frac{3}{6}$

9. $\frac{10}{10} - \frac{3}{10} + \frac{2}{10} =$ ___

10. $\frac{2}{4} + \frac{2}{4} + \frac{2}{4} =$ ___