ADD AND SUBTRACT FRACTIONS WITH LIKE DENOMINATORS

HOT TIP

When adding fractions with the same denominator, only add the numerator

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

Solve for the sum or difference in simplest form.

1. $\dfrac{13}{16} - \dfrac{9}{16} = \underline{\quad}$

2. $\dfrac{1}{8} + \dfrac{3}{8} = \underline{\quad}$

Complete the equation.

3. $\underline{\quad} + \dfrac{2}{6} = \dfrac{5}{6}$

4. $\dfrac{13}{15} - \underline{\quad} = \dfrac{7}{15}$

Solve the word problem. Select your answer in simplest form.

5. Ayushman and Mira ordered a large pizza. Ayushman ate $\dfrac{5}{16}$ of the pizza. Mira ate $\dfrac{3}{16}$ of the pizza. How much more of the pizza did Ayushman eat than Mira?

   a. $\dfrac{3}{8}$ b. $\dfrac{2}{16}$ c. $\dfrac{1}{8}$ d. $\dfrac{8}{16}$

6. Find the least common multiple (LCM) of 2, 5, and 8

7. Find the greatest common factor (GCF) of 36 and 24