

Adding and Subtracting Fractions: Unlike Denominators

Page: _____

The denominators are different. Rewrite both fractions with a common denominator, then add or subtract. Simplify if you can.

1. $\frac{3}{4} - \frac{1}{6} =$

2. $\frac{4}{5} - \frac{2}{3} =$

3. $\frac{3}{5} + \frac{3}{4} =$

4. $\frac{1}{4} + \frac{9}{10} =$

5. $\frac{3}{5} + \frac{1}{3} =$

6. $\frac{4}{5} + \frac{3}{10} =$

7. $\frac{1}{2} + \frac{7}{8} =$

8. $\frac{4}{5} + \frac{1}{4} =$

9. $\frac{1}{2} - \frac{3}{8} =$

10. $\frac{1}{2} + \frac{7}{10} =$

11. $\frac{4}{5} - \frac{3}{10} =$

12. $\frac{1}{2} + \frac{1}{3} =$

Adding and Subtracting Fractions: Unlike Denominators (Answer Key)

The denominators are different. Rewrite both fractions with a common denominator, then add or subtract. Simplify if you can.

1.

$$\frac{3}{4} - \frac{1}{6} =$$
$$\frac{9}{12} - \frac{2}{12} = \frac{7}{12}$$

2.

$$\frac{4}{5} - \frac{2}{3} =$$
$$\frac{12}{15} - \frac{10}{15} = \frac{2}{15}$$

3.

$$\frac{3}{5} + \frac{3}{4} =$$
$$\frac{12}{20} + \frac{15}{20} = \frac{27}{20} = 1\frac{7}{20}$$

4.

$$\frac{1}{4} + \frac{9}{10} =$$
$$\frac{5}{20} + \frac{18}{20} = \frac{23}{20} = 1\frac{3}{20}$$

5.

$$\frac{3}{5} + \frac{1}{3} =$$
$$\frac{9}{15} + \frac{5}{15} = \frac{14}{15}$$

6.

$$\frac{4}{5} + \frac{3}{10} =$$
$$\frac{8}{10} + \frac{3}{10} = \frac{11}{10} = 1\frac{1}{10}$$

7.

$$\frac{1}{2} + \frac{7}{8} =$$
$$\frac{4}{8} + \frac{7}{8} = \frac{11}{8} = 1\frac{3}{8}$$

8.

$$\frac{4}{5} + \frac{1}{4} =$$
$$\frac{16}{20} + \frac{5}{20} = \frac{21}{20} = 1\frac{1}{20}$$

9.

$$\frac{1}{2} - \frac{3}{8} =$$
$$\frac{4}{8} - \frac{3}{8} = \frac{1}{8}$$

10.

$$\frac{1}{2} + \frac{7}{10} =$$
$$\frac{5}{10} + \frac{7}{10} = \frac{12}{10} = 1\frac{1}{5}$$

11.

$$\frac{4}{5} - \frac{3}{10} =$$
$$\frac{8}{10} - \frac{3}{10} = \frac{5}{10} = \frac{1}{2}$$

12.

$$\frac{1}{2} + \frac{1}{3} =$$
$$\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$$