

Add and Subtract Fractions with Related Denominators

What is the sum of the given fractions? Reduce the sum to its simplest form (if possible).

1. $\frac{4}{10} + \frac{27}{100}$

$\frac{67}{110}$ $\frac{67}{100}$

$\frac{31}{100}$ $\frac{31}{110}$

2. $\frac{3}{10} + \frac{26}{100}$

$\frac{14}{25}$ $\frac{29}{100}$

$\frac{7}{25}$ $\frac{28}{55}$

What is the difference of the given fractions? Reduce the difference to its simplest form (if possible).

3. $\frac{24}{100} - \frac{2}{10}$

$\frac{4}{25}$ $\frac{1}{25}$

$\frac{22}{25}$ $\frac{3}{25}$

4. $\frac{5}{10} - \frac{35}{100}$

$\frac{3}{4}$ $\frac{3}{20}$

$\frac{7}{20}$ $\frac{3}{10}$

What is the sum of the given fractions? Reduce the sum to its simplest form (if possible).

5. $\frac{1}{8} + \frac{3}{4}$

$\frac{3}{32}$ $\frac{7}{8}$

$\frac{5}{8}$ $\frac{7}{32}$

6. $\frac{2}{9} + \frac{2}{3}$

$\frac{1}{3}$ $\frac{4}{27}$

$\frac{8}{9}$ $\frac{2}{3}$

What is the difference of the given fractions? Reduce the difference to its simplest form (if possible).

7. $\frac{5}{6} - \frac{1}{2}$

$\frac{1}{3}$ $\frac{2}{3}$

$\frac{1}{6}$ $\frac{1}{2}$

8. $\frac{2}{3} - \frac{1}{6}$

$\frac{1}{2}$ $\frac{1}{6}$

$\frac{1}{3}$ $\frac{2}{3}$

What is the sum of the given fractions? Reduce the sum to its simplest form (if possible).

9. $\frac{3}{8} + \frac{3}{4} + \frac{1}{2}$

$\frac{1}{2}$ $\frac{13}{14}$

$\frac{13}{8}$ $\frac{7}{8}$

10. $\frac{4}{5} + \frac{2}{3} + \frac{5}{15}$

$\frac{11}{23}$ $\frac{9}{25}$

$\frac{27}{23}$ $\frac{9}{5}$

Find the missing number:

11. $\frac{1}{10} + \frac{?}{5} = \frac{9}{10}$

8 2

3 4

12. $\frac{?}{3} + \frac{2}{9} = \frac{5}{9}$

- 3 1
 2 5

13. $\frac{?}{6} - \frac{1}{3} = \frac{3}{6}$

- 4 5
 2 3

14. $\frac{14}{16} - \frac{3}{4} = \frac{1}{?}$

- 16 2
 8 4