

Mixed Operations With Positive and Negative Fractions

Find each sum, difference, product, or quotient. Write your answer in simplest form.

1	$\frac{5}{8} + \left(-\frac{7}{8}\right) = -\frac{1}{4}$	2	$-\frac{3}{5} \cdot \frac{1}{2} = -\frac{3}{10}$
3	$-\frac{3}{4} - \frac{1}{4} = -1$	4	$-\frac{1}{8} \div \left(-\frac{1}{6}\right) = \frac{3}{4}$
5	$-\frac{4}{15} - \left(-\frac{2}{5}\right) = \frac{2}{15}$	6	$-\frac{1}{4} + \frac{7}{20} = \frac{1}{10}$
7	$\frac{1}{10} \div \left(-\frac{5}{6}\right) = -\frac{3}{25}$	8	$-\frac{3}{4} \cdot \left(-\frac{8}{9}\right) = \frac{2}{3}$
9	$-\frac{3}{5} \cdot \frac{2}{3} = -\frac{2}{5}$	10	$-\frac{6}{11} \div \left(-\frac{2}{7}\right) = \frac{21}{11}$ or $1\frac{10}{11}$
11	$\frac{1}{10} + \left(-\frac{3}{8}\right) = -\frac{11}{40}$	12	$\frac{7}{15} - \frac{11}{20} = -\frac{1}{12}$