

## Performing Combined Operations on Fractions

Evaluate each expression.

1)  $\left(4 - \frac{1}{3}\right) \div \frac{4}{5}$

2)  $\frac{2}{5} - \left(\frac{-5}{4}\right) \div 1$

3)  $(-1) \div \left((-1) - \left(\frac{-11}{6}\right)\right)$

4)  $\frac{1}{3} - \left(\frac{1}{4} - \left(\frac{-5}{6}\right)\right)$

5)  $\frac{\frac{1}{3} - \left(-\frac{3}{2}\right) - 2}{\frac{1}{3}}$

6)  $\frac{\left|-\frac{1}{3}\right|}{\frac{11}{6}} + \frac{1}{2}$

7)  $\frac{\frac{2}{3} \cdot \left(-\frac{2}{3}\right)}{\left(-\frac{1}{3}\right) - 3 + 2}$

8)  $\left(\frac{3}{5} + \frac{1}{3}\right)\left(\frac{4}{3} \cdot \frac{3}{5} - \left(-\frac{1}{2}\right)\right)$

9)  $\frac{\left|-\frac{5}{6}\right|^3}{\left(-\frac{5}{6}\right)} - \left(\frac{1}{2} - \frac{3}{5}\right)$

10)  $\frac{1}{2} \cdot (-2) + \frac{\left(-\frac{1}{2}\right) \cdot \left(-\frac{4}{3}\right) - \frac{3}{2}}{\frac{2}{3}}$

## Answers to Performing Combined Operations on Fractions

$$1) \frac{55}{12}$$

$$2) \frac{33}{20}$$

$$3) -\frac{6}{5}$$

$$4) -\frac{3}{4}$$

$$5) -\frac{1}{2}$$

$$6) \frac{15}{22}$$

$$7) \frac{1}{3}$$

$$8) \frac{91}{75}$$

$$9) -\frac{107}{180}$$

$$10) -\frac{9}{4}$$