

## 2.8: Order, Exponents, & Order of Ops

I: order

$$\frac{2}{5} \cdot \frac{3}{8}$$

$$\frac{5}{12} \cdot \frac{7}{15}$$

$$\frac{13}{18} \cdot \frac{7}{12}$$

II: Exponents.

$$\left(\frac{2}{9}\right)^3$$

$$\left(\frac{2}{3}\right) \cdot \left(\frac{1}{2}\right)^4$$

$$4\left(\frac{3}{4}\right)^3 \cdot \left(\frac{1}{3}\right)^2$$

$$\frac{9}{10} \cdot \left(\frac{2}{3}\right)^3 + \frac{2}{3}$$

III: Order of Ops.

$$\frac{2}{5} + \frac{3}{10} - \frac{2}{3}$$

$$\frac{4}{5} + \frac{3}{7} \cdot \frac{14}{15}$$

$$\frac{7}{12} - \left(\frac{2}{3}\right)^2 + \frac{5}{8}$$