

Division & Roots

$$8 \div 4 = 2$$

$$\begin{array}{r} -20 \\ -5 = 4 \\ \hline \end{array}$$

opp

$$\begin{array}{r} \uparrow \\ -12 \div 3 = -4 \\ \text{opp} \end{array}$$

$$\frac{24}{-8} = -3$$

$$12 \div -7 = -1\frac{5}{7}$$

$$-130 \div 15 = -8\frac{2}{3}$$

$$-30 \div -12 = 2\frac{1}{2}$$

$$-5 \div \frac{1}{3} = -15$$

$$6 \div 3\frac{3}{4} = 8$$

$$7 \div -\frac{2}{5} = -17\frac{1}{2}$$

$$-9 \div -\frac{4}{5} = +11\frac{1}{4}$$

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

Flip & x
common den

$$\frac{2}{3} \times \frac{8}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$4.5 \div 4$$

$$\frac{16 \div 9}{24} = 1\frac{7}{9}$$

$$\frac{5}{8} \div \frac{3}{4} = \frac{5}{6}$$

Roots

powers

$$2^4 = 16$$

$$(-2)^4 = 16$$

roots

$$\sqrt[4]{16} = 2 \text{ or } -2$$

$$\sqrt[2]{81} = 9 \text{ or } -9$$

$$\sqrt[3]{343} = -7$$

$$-2 \cdot -2 \cdot -2 \cdot -2$$

$$\sqrt{64} = 8 \text{ or } -8$$

$$\sqrt[3]{64} = 4$$

$$\sqrt[9]{64} = 2 \text{ or } -2$$