

Multiplying and dividing integers:

$$\begin{array}{r} 3(4) \\ 12 \end{array}$$

$$\begin{array}{r} -6(8) \\ -48 \end{array}$$

$$\begin{array}{r} -8(-8) \\ 64 \end{array}$$

$$\begin{array}{r} \underline{12} \\ 3 \\ 4 \end{array}$$

$$\begin{array}{r} \underline{-48} \\ 8 \\ -6 \end{array}$$

$$\begin{array}{r} \underline{64} \\ -8 \\ -8 \end{array}$$

Rule or system:  $\begin{array}{l} + (+) = + \quad + (-) = - \quad - (-) = + \\ \frac{+}{+} = + \quad \frac{-}{+} = - \quad \frac{+}{-} = - \quad \frac{-}{-} = + \end{array}$

Multiply, then figure out negative/positive

Do the same rules or systems work with decimals or fractions? Explain your thinking.

Textbook page 126 1-6 and 16-41 multiples of 3