

# 11-1 Multiplying Fractions & Whole Numbers

1.  $\frac{1}{7}$  of  $\frac{14}{1}$

1. Change the whole number into an improper fraction.

$$\frac{1}{7} \times \frac{14}{1} = \frac{14}{7}$$

2. Multiply the numerators.  
Multiply the denominators.

3. Simplify if needed.

$$14 \div 7 = 2$$

2.  $\frac{3}{7}$  of 14 =  $\frac{3}{7} \times \frac{14}{1} = \frac{42}{7} = 6$

$$\begin{array}{r} 1 \\ 14 \\ \times 3 \\ \hline 42 \end{array}$$

3.  $\frac{25}{1} \times \frac{1}{5} = \frac{25}{5} = 5$

4.  $\frac{25}{1} \times \frac{4}{5} = \frac{100}{5}$

$$\begin{array}{r} \times 20 \\ 5 \overline{) 100} \\ \underline{-10} \phantom{0} \\ 00 \end{array}$$