

# Multiplying Fractions and Whole Numbers

- Turn whole numbers into fraction

$$9 = \frac{9}{1} \quad 7 = \frac{7}{1} \quad 5 = \frac{5}{1}$$

$$8 \times \frac{3}{4} =$$

$$2 \times \frac{8}{1} \times \frac{3}{4} = \frac{6}{1} = 6$$

Steps:

1. Turn any whole number into a fraction.

2. Cross Cancel

3. Multiply the top & bottom.

✓ - Just do it!

4. Turn into a mixed number and simplify:

$$① \frac{3}{4} \times \frac{5}{2} = \frac{5}{8}$$

$$③ \frac{2}{3} \times \frac{4}{5} = \frac{8}{15}$$

$$② 6 \times \frac{4}{9}$$

$$④ \frac{8}{1} \times \frac{2}{8} = \frac{2}{8} \div \frac{2}{2} = \frac{1}{4}$$

$$2 \times \frac{4}{9} = \frac{8}{3} = 2 \frac{2}{3}$$

$$\begin{array}{r} 3 \overline{) 8} \\ \underline{6} \phantom{0} \\ 20 \\ \underline{18} \\ 20 \\ \underline{18} \\ 2 \end{array}$$

Guided Practice - Pg. 471 #3 & #4  
Pg. 483 #3, 4, 8