

ch. 4 L. 2
Pg. 265
6.NS.1

Multiplying Fractions and Whole Numbers

***ALWAYS** Write Whole Numbers as a Fraction! *

Step 1: Rewrite the whole number as a fraction.

Whole numbers are always over 1!

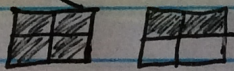
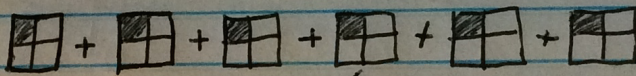
ex: $7 = \frac{7}{1}$; $2 = \frac{2}{1}$; $40 = \frac{40}{1}$

Problem: $\frac{1}{4} \times 6$ rewrite as: $\frac{1}{4} \times \frac{6}{1}$

Step 2: Multiply the fractions Straight Across.

Problem: $\frac{1}{4} \times \frac{6}{1} = \frac{6}{4}$ Multiply the Numerators
Multiply the Denominators

Step 3: Simplify; ***If needed, Convert improper fraction to a mixed number.**



1 whole $\frac{2}{4}$ or $\frac{1}{2}$

$$\begin{array}{r} \frac{2}{4} \\ 4 \overline{) 6} \\ \underline{4} \\ 2 \end{array}$$
$$1 \frac{2}{4} \div 2 = 1 \frac{1}{2}$$

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