7.1 Multiplying a Fraction and a whole Number Whole Number *O*, *I*, *Z*, *3*₁ - No Fractions - No Decimals

$$7 \cdot \frac{1}{2} = \frac{1}{2} \cdot 7 = \frac{7}{2} = 3\frac{1}{2}$$

$$Rrocess$$

$$a \cdot \frac{b}{c} = \frac{b}{c} \cdot a = \frac{a \cdot b}{c}$$

$$\frac{1}{2} \cdot \frac{b}{c} = \frac{a \cdot b}{c}$$

$$\frac{1}{2} \cdot \frac{a \cdot b}{c}$$

 $4 \chi_{0} \cdot \frac{3}{\chi_{1}} = \frac{4.3}{1} = 12$ Simplify before you multiply Don't do this 615 × ³/₄ cannot reduce the whole number with the numerator

$$\frac{2}{3} \cdot X = 6 \qquad \frac{2}{3} = \frac{6}{X}$$
$$\frac{2}{3} \cdot \frac{3}{3} = 2 \cdot \frac{3}{4} = 6$$
$$x = 9 \qquad \frac{1}{3} \cdot \frac{20}{60} = 20xc$$

Estimate the Product

$$\frac{1}{3}$$
 of 16
Compatible Numbers
 5146 $\frac{1}{3}$ of 16
 1 $\frac{1}{3}$ of 15= $\frac{15}{3}=5$

Estimate

$$\frac{7}{8}$$
 of 63
 $\frac{7}{8}$ of 63
Stari with 8
Change 63 to a close multiple of 8
 $\frac{7}{8} \cdot 8/8 = 56$

7343-344 2-36 even