

## 6-2 Estimating the Product of a Decimal and a Whole Number

1.  $0.87 \times 412 \approx 1.00 \times 400$   
 $1 \times 400 = 400$

$0.87 \times 412 \approx 0.90 \times 400$   
 $0.9 \times 400 = 3600$   
360

2.  $104 \times 0.33$   
 $100 \times 0.5 = 50$   
 $100 \div 2 = 50$

$0.5 = \frac{1}{2}$   
 $\frac{1}{2}$  means I can divide by 2

3.  $9.02 \times 80 \approx 9 \times 80 = 720$

4.  $0.54 \times 24 \approx 0.5 \times 24 = 12$   
 $24 \div 2 = 12$

5.  $33.05 \times 200 \approx 30 \times 200 = 6,000$