

Two ways to find percent of a number:
1) Change percent to a decimal and multiply
2) Set up a proportion and solve

5% of 40

$$0.05 \times 40 = 2$$

\$2 tax

6% 2.25

$$0.06 \times 2.25 = 0.135$$

\$0.14

7.9% of 1199.98

$$0.079 \times 1199.98 = 94.79842$$

\$94.80

$$\frac{7.9}{100} = \frac{x}{1199.98}$$

$$(7.9)(1199.98) = 100x$$

$$9479.842 = 100x$$

$$\div 100 \quad \div 100$$

$$94.79842 = x$$

$$\text{\$}94.80 = x$$

5% of 40

$$\frac{5}{100} = \frac{x}{40}$$

$$5 \cdot 40 = 100x$$

$$200 = 100x$$

$$\div 100 \quad \div 100$$

$$x = 2.00$$