

# Percent of a Number

1) Find 80% of 20.

Method #1

$$\frac{80}{100} \cdot \frac{20}{1} = \frac{16}{1} = \boxed{16}$$

Method #2

$$80\% \times 20 = (.8)(20) = \boxed{16}$$

2) Find 120% of 75.

Method #1

$$\frac{120}{100} \cdot \frac{75}{1} = \frac{90}{1} = \boxed{90}$$

Method #2

$$120\% \times 75 = (1.2)(75) = \boxed{90}$$

3) Find 47.8% of 89. Round to the nearest tenth.

$$47.8\% \times 89 = (.478)(89) = \boxed{42.5}$$