

## Translating Percent Sentences Word for Word

“of” after a *whole number* means make a fraction (ex: 3 of 4 dentists =  $\frac{3}{4}$ )

“of” after a *fraction* means multiplication (ex:  $\frac{2}{3}$  of 18 =  $\frac{2}{3} \cdot 18$ )

“of” after a *percent* also means multiplication (ex: 50% of 40 =  $50\% \cdot 40$ )

### Ex 1.

Translate word for word to an equation, then solve.

30% of 148 is what number?

45% of what number is 95.4?

What percent of 400 is 50?

What percent is 19 of 40?