

# The Percent Equation

Ex. 1, What number is 12% of 350?

$$x = .12 \cdot 350$$

$$x = (.12)(350)$$

$$x = 42$$

---

Ex. 2, 21 is what percent of 40?

$$21 = x \cdot 40$$

$$21 = x \cdot 40$$

$$21 = 40x$$

$$40 \quad 40$$

$$525 = x$$

$$x = 52.5\%$$

---

Ex. 3, 13 is 26% of what number?

$$13 = .26 \cdot x$$

$$13 = .26 \cdot x$$

$$.26 \quad .26$$

$$50 = x$$