Write the equation for the following.
Use 'x' for the unknown
1) What number is 22.4% of 125?
2) 60% of what number is 90?
3) 27 is what percent of 45?

Below each equation, indicate what mathematical operation is used to solve the equation.

Solution:
1) What number is 22.4% of 125?

$$x = 0.224 \cdot (125)$$

multiplication

2) 60% of what number is 90?

$$0.60 \cdot x = 90$$

Division

3) 27 is what percent of 45?
$$27 = x \cdot 45$$

Division

Write the equation for the following.
Use 'x' for the unknown
4) 7.2 is what percent of 16?
5) What number is 18.4% of 125?
6) 37.5% of what number is 57?

Below each equation, indicate what mathematical operation is used to solve the equation.

Solution:
4) 7.2 is what percent of 16?
$$7.2 = x \cdot 16$$
division
5) What number is 18.4% of 125?
$$x = 0.184 \cdot 125$$

6) 37.5% of what number is 57?

$$0.375 \cdot x = 57$$