

1. 120 is 60% of what number?

$$120 = 60\% \cdot x$$

$$120 = 0.6x$$

$$200 = x$$

2. What number is  $4\frac{1}{2}\%$  of 28?

$$x = 4\frac{1}{2}\% \cdot 28$$

$$x = (0.045)(28)$$

$$x = 1.26$$

$$4\frac{1}{2}\% = 4.5\% = 0.045$$

3. 19 of 40 is what percent?

$$\frac{19}{40} = x$$

$$0.475 = x$$

$$47.5\% = x$$

Write as a percent

Q: A bus driver was heading down a street in Walnut. He went right past a stop sign without stopping, went the wrong way on a one-way street, and then went on the left side of the road past a cop car. The cop did nothing, because he didn't break any traffic laws. Why not?