

A Method to Solve Easy Percent Problems

INSTRUCTION

Most percent problems can be solved by changing the percent to a decimal and multiplying.

This method works IF the problem is set up like "Find 23% of 400"

With problems set up like this, you are given the percent and the whole (the whole is after the word "of") and you are trying to find the part.

Example 1: Find 23% of 400.

Change 23% to .23 then multiply .23 times 400 for an answer of 92

Example 2: Find 4% of 50.

Change 4% to .04 then multiply .04 times 50 for an answer of 2

1) 60% of 300 = _____

2) 14% of 50 = _____

3) 3% of 7500 = _____

4) 22% of 675 = _____

5) 2% of 1500 = _____

6) 5% of 700 = _____

7) 45% of 550 = _____

8) 35% of 200 = _____

9) 25% of 800 = _____

10) 1% of 700 = _____

11) A TV that normally costs \$ 500 is on sale for 35% off. How much will you save if you buy it on sale?

12) I bought an 8 GB flash drive for \$20. Tax was 7%. How much was the tax?

13) John is getting a 3% raise. How much will his raise be if he makes \$ 4300 a month now?

14) Mr. Goode's GM stock dropped 35%. Before the drop it was valued at \$ 50,000.
How much did it drop in value?

PROBLEMS

ANSWERS

- 1) 60% of 300 = **180**
- 2) 14% of 50 = **7**
- 3) 3% of 7500 = **225**
- 4) 22% of 675 = **148.5**
- 5) 2% of 1500 = **30**
- 6) 5% of 700 = **35**
- 7) 45% of 550 = **247.5**
- 8) 35% of 200 = **70**
- 9) 25% of 800 = **200**
- 10) 1% of 700 = **7**
- 11) A TV that normally costs \$ 500 is on sale for 35% off. You will save \$ **175**.
- 12) I bought an 8 GB flash drive for \$20. Tax was 7%. The tax was \$ **1.40**
- 13) John is getting a 3% raise. How much will his raise be if he makes \$ 4300 a month now? \$ **129**
- 14) Mr. Goode's GM stock dropped 35%. Before the drop it was valued at \$ 50,000.
How much did it drop in value? It dropped \$ **17,500** .