THE PERCENT PROPORTION

$$\frac{part}{whole} = \frac{\%}{100}$$

<u>percent</u>: always has a "%" or the word "percent" after it

<u>whole</u>: always comes right after the percent "percent of *the whole*"

<u>part</u>: the leftover number (if there are no more numbers, this is your variable.)

For each problem, set up and solve a Percent Proportion.

1. What is 93% of 600?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

2. 6 is 15% of what amount?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

3. What percent of 158 is 79?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

4. What is 78% of 234?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

5. 48 is 80% of what amount?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

6. What percent of 98 is 24.5?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

7. Michelle has $15 in her pocket. If this is 5% of her monthly allowance, what is her monthly allowance?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

8. Of the 225 guests invited to Julie's wedding, 185 attended. What percent of the invited guests attended the wedding?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

9. Jim donates 10% of his paycheck every month to a local animal rescue. His paycheck this month was $893. How much money did he donate?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$