# FINDING PERCENTS IN STORY PROBLEMS 

Percent Proportion

$$
\frac{\text { part }}{\text { total }}=\frac{\%}{\mathbf{1 0 0}}
$$

Use percent proportion, fill in information and solve.

## Solve. Round to the nearest percent.

1. A writer earns $\$ 3400$ a month. Last month she spent $\$ 204$ on food. What percent of her income was spent on food?
2. On the average, 7 people out of 28 ride the bus to work. What percent do not ride the bus to work?
3. Last season a baseball player hit 48 home runs. So far this season he hit 30 home runs. The number of home runs he has hit so far this season is what percent of the number of home runs he hit last season?
4. A survey showed that hamburgers are preferred to hot dogs 5 to 3 . What percent of those surveyed prefer hamburgers?
5. In April, 175 cases of toy cars were sold. In May, 125 cases were sold April's sales were what percent of May's sales?
6. Robert sold 20 cups of lemonade and 40 cups ice tea at the FFA stand at the county fair. What percent of the drinks sold were lemonade?
7. The down payment on a bike is $\$ 15$. The bike costs $\$ 75$. The down payment is what percent of the cost?
8. At EHS, for every 6 students who like rap music, 14 do not. What percent of the students like rap?
9. Steve weighs 120 pounds and his dad weighs 180 pounds. Steve's weight is what percent of his dad's weight?
10. The ratio of red marbles to blue marbles in a jar of marbles is 8 to 3 What percent of the marbles are red?
11. During basketball practice, Lee attempted 30 free throws and made 22. What percent of these free throw attempts did he make?
12. On a spelling test, Michelle spelled 17 words correctly. There were 20 words on the test. What percent of the words did she spell correctly?
