

Name \_\_\_\_\_

Date \_\_\_\_\_

Class \_\_\_\_\_

## Homework: Solving Percent Problems

**Directions: Solve each problem and show all work in a model or equation.**

1. A television program is 60 minutes long, and 20% of the time is taken up by commercials. How many minutes of commercials are there?
2. The MS890 basketball team won 9 out of 12 games played this season. What percent of the games have they won?
3. A sweater is regularly \$56, but you have a 25% discount coupon. With the coupon, how much is the sweater?
4. There are 320 students at a middle school. 240 students do not participate in afterschool program. What percent of students participate in an afterschool program? (*Hint: Find the number of students in an afterschool program first.*)
5. The gym has a capacity of 600 people. If the gym is at 90% capacity, how many people are in the gym?