

NAME _____

HW # _____

Solve each problem using a percent equation.

1. In a recent study, 56% of all people surveyed prefer Shine Toothpaste. If 1600 people were surveyed, how many people use Shine Toothpaste?
2. In the 7th grade, there are 250 students. If 130 are **girls**, what percent of the class are **boys**?
3. Jordan ran 25% of his weekly running goal. If he ran 8 miles, what was his weekly running goal?
4. On Labor Day, road traffic was 150% of normal. If the normal number of cars on the road is 25,000, how many were on the road on Labor Day?
5. A jet is traveling at 75% of its usual speed. If it is traveling at 900 km per hour, what is the jet's usual speed?
6. Out of 29 students, 7 received A+'s on the last test. What percent of students received A+'s?
7. A stationary store sold 98% of its newspapers. How many is this if the store has 350 papers to sell?
8. A family uses 40% of its annual income for housing expenses. If the annual income is \$109,750.00, what amount is spent on housing costs?