

Name \_\_\_\_\_ Date \_\_\_\_\_

# **Percents - Finding Percents of a Number**

Write and solve a **proportion** to answer the problem.

- 1) What number is 20% of 40?
- 2) 17 is what percent of 68?
- 3) 42 is 60% of what number?
- 4) What number is 150% of 92?
- 5) 40% of what number is 15?
- 6) 24 is 0.6% of what number?
- 7) What percent of 75 is 27?
- 8) 55% of what number is 33?
- 9) Of the 360 runners at a 5-kilometer race, 20% are in the 35–39 age bracket. How many runners at the 5-kilometer race are in the 35–39 age bracket?
- 10) You pay \$3.69 for a gallon of gasoline. This is 90% of the price of a gallon of gasoline one year ago. What was the price of a gallon of gasoline one year ago?

Write and solve an **equation** to answer the problem.

11) 24 is what percent of 60?

12) What number is 70% of 120?

13) 30 is what percent of 120?

14) 112 is 56% of what number?

15) What number is 140% of 45?

16) 15 is 6% of what number?

17) There are 35 competitors in a marathon. Sixty percent of these finished the race in under four hours. How many competitors finished the race in under four hours?

18) Your class is going on a field trip. Twenty-four students have turned in their permission slips so far. This is 80% of the students in the class. How many students are in the class?