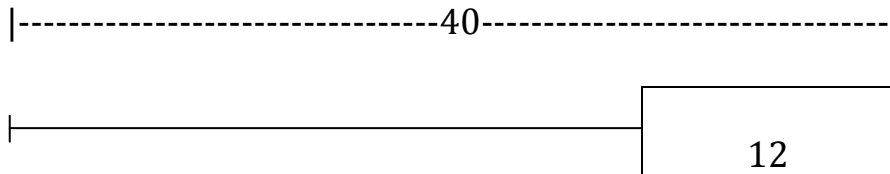


Name _____

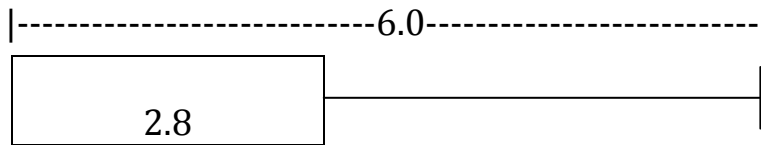
Date _____

Algebra Concepts Quiz 2-1

1. Larry went for a 40-mile ride. After an hour, Larry saw a sign that said he had 12 miles to go. How many miles did he ride in the first hour?



2. Find the value of x .



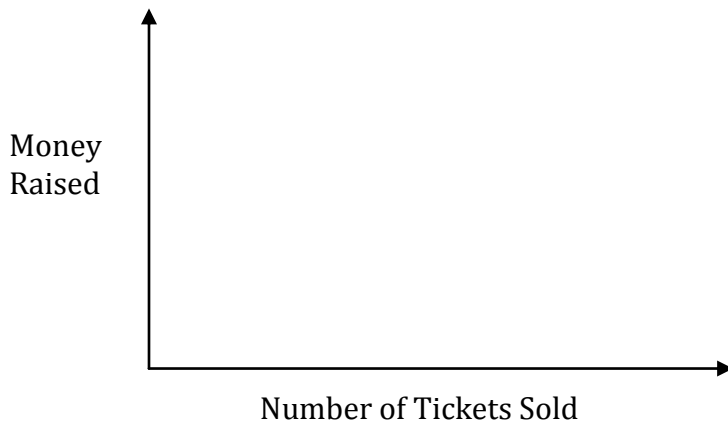
3. Draw a model and solve.

Mr. Lamneck planned an 80-minute class for their Algebra Concepts students. They planned 10 minutes for a warm-up activity and 30 minutes for the main lesson. How much time did Mr. Cicero and Mr. Osborne have for other activities?

4. The New England Patriots needed 80 yards to score the winning touchdown against the New York Jets. They gained 12 yards on the first play and 15 yards on the second play. How many yards did the Patriots have left to go for the winning touchdown?

Identify the type of function that would best model this situation.

5. The Student Council charges \$5.00 for each student that attends a school dance. The money that the Student Council makes is a function of the number of students. Sketch a graph of the situation below. What type of function best models this situation?



Type of function _____