

- 13. Jennifer planted a tree that was 0.17 meter tall. After 10 years, the tree was 100 times as tall as when she planted it. What is the height of the tree after 10 years? 17 meters
- 14. Critique Reasoning Marco and Suzi each multiplied  $0.721 \times 10^2$ . Marco got 7.21 for his product. Suzi got 72.1 for her product. Which student multiplied correctly? How do you know? Suzi; She moved the decimal point two places to the right.
- **15.** The table shows the distance a small Gallons motor scooter can travel using one gallon of gasoline. Complete the table to find the 0.1 number of miles the scooter can travel for 1 other amounts of gasoline. 10 What pattern do you see in the table?
  - 16. Give an example of two numbers that both have six digits, but the greater number is determined by the hundreds place.

Sample answer: 432,557; 432,657

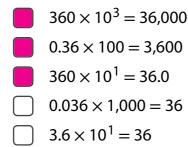
11.8 118 1,180

Miles

17. Higher Order Thinking A store has a contest to guess the mass of 10,000 peanuts. If a peanut has a mass of about 0.45 gram, what would be a reasonable guess for the mass of 10,000 peanuts? 4,500 grams

## **Assessment Practice**

**18.** Choose all equations that are **NOT** true.



**19.** Choose all equations that are true when  $10^3$  is placed in the box.

