Name: _____

About Accuracy and Approximation Pre-Evaluation

Answers

1. Give an example of a very accurate machine.

   Possible Answers: Car, bus, Factory machines, hardware such as a drill or an electric saw, computer (hard drive), analog clock, analog watch, airplane, air circulating fan, toy robots, EV3 robot.

2. Who would be more accurate in measuring length: machine or human? Explain.

   Possible Answer: Machines would be more accurate, given that the construction of a machine is more solid and stable than the human hand.

3. Round 3.5 to the nearest whole number.

   Answer: 4

4. Round 3.5 down to the nearest whole number.

   Answer: 3

5. Where do **you** use math outside of school?

   Possible Answers: Counting money, making a recipe, measuring objects in the home, counting people, keeping score in outdoor games, measuring distance that someone runs, etc.

6. How are **robots** and **math** related?

   Possible Answer: The size, shape, parts, and programming of robots are made and designed using math and measured in terms of numbers.