Name: _____

About Accuracy and Approximation Post-Evaluation
Answers

1. 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.

2. What is accuracy? Give an example of a very accurate machine.

    Possible Answer: Accuracy is a measure of how close an expected or desired value is to an actual value. Examples of accurate machines: 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, NXT robot.

3. Who is 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.

4. Round 22.4 up to the nearest whole number.

    Answer: 23

5. Round 22.4 down to the nearest whole number.

    Answer: 22

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.