

Name: _____ Form C Homeroom: _____

Making Predictions



Materials: Paper towels, pennies, dimes, dropper bottles

Question 1: How many drops of water can you put on a penny before any falls off?

Procedure: **Guess** how many drops of water will fit on a penny and record your guess here: _____ drops.

Make sure your penny is dry. Place the penny on a dry paper towel and see how many drops of water you can put on it before any falls off. Repeat three times and find the average of the three trials.

Trial 1: _____ drops

Trial 2: _____ drops Average: _____ drops

Trial 3: _____ drops

Question 2: How many drops of water can you put on a dime?

Procedure: **Predict** how many drops of water will fit on a dime and record your prediction here: _____ drops

Repeat the procedure you used with the penny.

Trial 1: _____ drops

Trial 2: _____ drops Average: _____ drops

Trial 3: _____ drops

Conclusion: Which of your initial answers was closer to the actual average? What is the difference between a guess and a prediction?
