

Quality and Stats Worksheet

Name: _____

Grades 6-8

Directions: Use this worksheet to follow along with the Quality and Stats presentation.

1. What is a defect?

2. Have you interacted with any products with defects recently? List two and what kinds of defects they had.

3. Fill out the following table with your coin flipping results:

	Flip 1:	Flip 2:	Flip 3:	Flip 4:	Flip 5:	Total Tails:
Trial 1:						
Trial 2:						
Trial 3:						
Trial 4:						
Trial 5:						

4. Plot the total tails on the graph below (there is an example of this in the slides):



5. What is the chance of you getting everything the way you wanted it? (Trials with only heads / all trials)

6.

- A. What is the chance of getting a heads on a coin flip?
- B. What is the chance of getting no tails in two coin flips?
- C. What is the chance of getting a 1 when rolling a die?
- D. What is the chance of getting an odd number and then an even number when rolling a die?

7. List 3 things you've learned:

8. Are there any things you have questions on?