

Quality and Stats Worksheet

Name: _____

Grades 9-12

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 dice rolling results:

	Roll 1:	Roll 2:	Roll 3:	Roll 4:	Roll 5:	Total 1 Rolls:
Trial 1:						
Trial 2:						
Trial 3:						
Trial 4:						
Trial 5:						

4. Plot the total 1 rolls 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 no 1's rolled / 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 no tails in two coin flips?
- 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?