

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:

Trial	Flip 1:	Flip 2:	Flip 3:	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. How many times did you get 0 tails?

6. Will using a die help or hurt our chances of getting our order back correctly?

7. Fill out the following table with your die rolling results:

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

8. How many times did you roll at least one 6?