

Name:

Date:

Candy Color Counts

Part 1

Directions: *Get Ready:* Each of you has received a small cup or bag with a random assortment of candies. **Do not eat the candies yet!** Carefully pour out your candies on your desk or table. Sort the candies by color into separate groups. Count the number of candies you have for each color. Write the number of each color in the table below.

Color	Number of Candies
Red	
Yellow	
Green	
Blue	
Orange	
Total	

Part 2

Directions : Use the data from the Candy Count Table to answer the questions below. For each color, calculate the probability by dividing the number of candies of that color by the total number of candies. Write your answers in the spaces provided.

1. What is the probability of picking a red candy from your cup?
(Number of red candies / Total candies) = ____ / 10
2. What is the probability of picking a yellow candy from your cup?
(Number of yellow candies / Total candies) = ____ / 10
3. What is the probability of picking a green candy from your cup?
(Number of green candies / Total candies) = ____ / 10
4. What is the probability of picking a blue candy from your cup?
(Number of blue candies / Total candies) = ____ / 10
5. What is the probability of picking an orange candy from your cup?
(Number of orange candies / Total candies) = ____ / 10
6. Do you think it is fair if some students have a higher probability of picking their favorite color than others? Why or why not?
