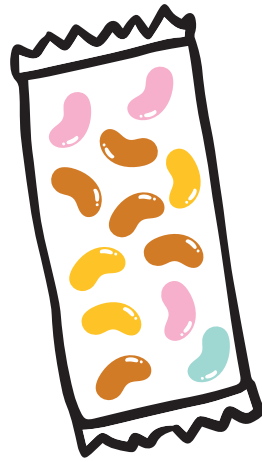Name _____ Date _____

Probability: Jelly Beans

There are 12 jelly beans in the packet. Can you find the probability of picking the combinations below? Write your answers as fractions, reducing as needed.

Example: What is the probability of picking a yellow jelly bean?

$\frac{3}{12} = \frac{1}{4}$

1. What is the probability of picking a brown jelly bean?

$\frac{5}{12}$

2. What is the probability of picking a pink jelly bean?

$\frac{3}{12} = \frac{1}{4}$

3. What is the probability of picking a green jelly bean?

$\frac{1}{12}$

4. What color is most likely to be picked?

brown

5. What color will you probably pick least often?

green

6. What is the probability of picking a jelly bean that is not yellow?

$\frac{9}{12} = \frac{3}{4}$

7. What is the probability of picking a jelly bean that is not green?

$\frac{11}{12}$

8. What is the probability of picking a pink or yellow jelly bean?

$\frac{6}{12} = \frac{1}{2}$

Bonus: If you added 3 more green jelly beans and 1 more brown jelly bean to the bag, what is the probability of picking a green bean?

$\frac{4}{16} = \frac{1}{4}$