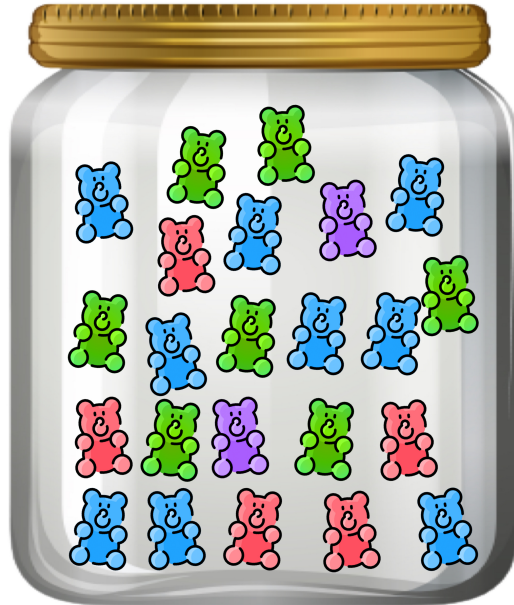Name: _____

Practice with Probability

Directions: Use the image below to answer the questions that follow:

1.) What is the probability of picking a green gummy bear? _____

2.) What is the probability of picking a red gummy bear? _____

3.) What is the probability of picking a purple gummy bear? _____

4.) What is the probability of picking a blue gummy bear? _____

5.) What is the probability of picking a yellow gummy bear? _____

6.) Which color gummy bear is **most likely** to be picked at random? _____

7.) Which color gummy bear is **least likely** to be picked at random? _____

8.) What is the probability of picking **either** a purple or a blue gummy bear? _____

9.) What is the probability of picking **either** a red or a green gummy bear? _____

10.) Would you be more likely you pick a green gummy bear or a red gummy bear and why?

ANSWER KEY

1.) What is the probability of picking a green gummy bear? **7/23**

2.) What is the probability of picking a red gummy bear? **5/23**

3.) What is the probability of picking a purple gummy bear? **2/23**

4.) What is the probability of picking a blue gummy bear? **9/23**

5.) What is the probability of picking a yellow gummy bear? **0/23 or 0**

6.) Which color gummy bear is **most likely** to be picked at random*?* **Blue**

7.) Which color gummy bear is **least likely** to be picked at random*?* **Purple**

8.) What is the probability of picking **either** a purple or a blue gummy bear? **11/23**

9.) What is the probability of picking **either** a red or a green gummy bear? **12/23**

10.) Would you be more likely you pick a green gummy bear or a red gummy bear and why?

You would be more likely to pick a green gummy bear than a red because there are more green gummy bears (7) than red gummy bears (5).