

Name: _____

Practice with Probability

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



- 1.) What is the probability of randomly picking a soda? _____
- 2.) What is the probability of randomly picking an orange juice? _____
- 3.) What is the probability of randomly picking an ice cream? _____
- 4.) What is the probability of randomly picking a water bottle? _____
- 5.) Which item is **most likely** to be picked at random? _____
- 6.) Which item is **least likely** to be picked at random? _____
- 7.) What is the probability of picking **either** a soda or an orange juice gummy bear? _____
- 8.) What is the probability of picking **either** an orange juice or an ice cream? _____
- 9.) Would you be more likely you pick an orange juice or an ice cream and why?

ANSWER KEY

- 1.) What is the probability of randomly picking a soda? **9/23**
- 2.) What is the probability of randomly picking an orange juice? **7/23**
- 3.) What is the probability of randomly picking an ice cream? **6/23**
- 4.) What is the probability of randomly picking a water bottle? **1/23**
- 5.) Which item is **most likely** to be picked at random? **Soda**
- 6.) Which item is **least likely** to be picked at random? **Water bottle**
- 7.) What is the probability of picking **either** a soda or an orange juice gummy bear? **16/23**
- 8.) What is the probability of picking **either** an orange juice or an ice cream? **13/23**
- 9.) Would you be more likely you pick an orange juice or an ice cream and why?

You would be more likely to pick an orange juice because there are more cartons of orange juice (7) than pints of ice cream (6).