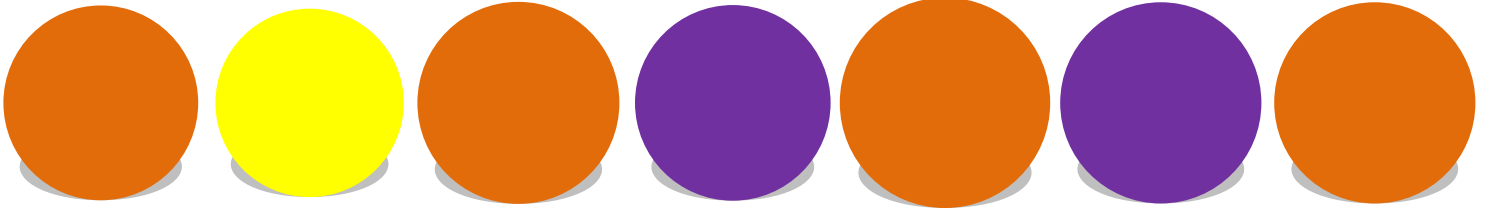


Name _____

Score: _____

Probability

The marbles pictured below are yellow, purple, and orange. They are placed in a bag and one is drawn at random.



1. Which color marble is least likely to be drawn from the bag? _____
2. What is the probability of drawing the yellow marble from the bag? _____
3. What is the probability of drawing a orange marble? _____
4. What is the probability of the drawing a purple marble? _____
5. What is the probability of drawing a marble that is not purple? _____
6. Would you be more likely to draw a marble that is not yellow or a marble that is not orange? Explain your answer.

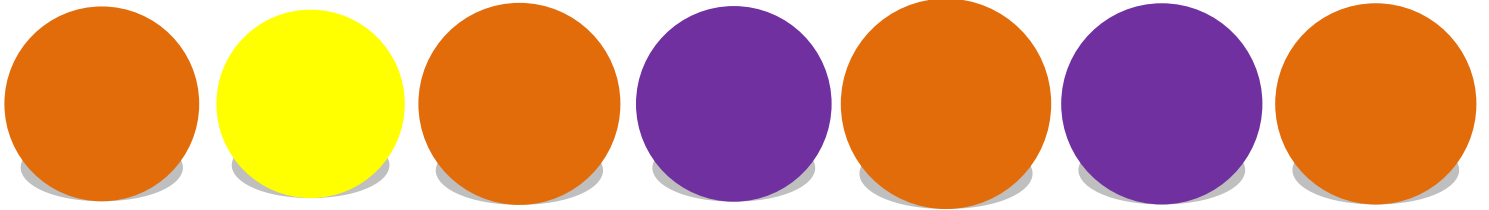
7. If three more yellow marbles were added to the bag, what would be the probability of drawing a yellow marble? _____

Name _____

Score: _____

Probability (A) **Answers**

The marbles pictured below are yellow, purple, and orange. They are placed in a bag and one is drawn at random.



1. Which color marble is least likely to be drawn from the bag? **Yellow**
2. What is the probability of drawing the yellow marble from the bag? **1 out of 7**
3. What is the probability of drawing an orange marble? **4 out of 7**
4. What is the probability of drawing a purple marble? **2 out of 7**
5. What is the probability of drawing a marble that is not purple? **5 out of 7**
6. Would you be more likely to draw a marble that is not yellow or a marble that is not orange? Explain your answer.

You'd be more likely to draw a marble that is not yellow. There is only one yellow marble and 6 that are not yellow. You have a 6 out of 7 chance of drawing a non-yellow marble. You have a 3 out of 7 chance of drawing a marble that is not orange.

7. If three more yellow marbles were added to the bag, what would be the probability of drawing a yellow marble? **4 out of 10**