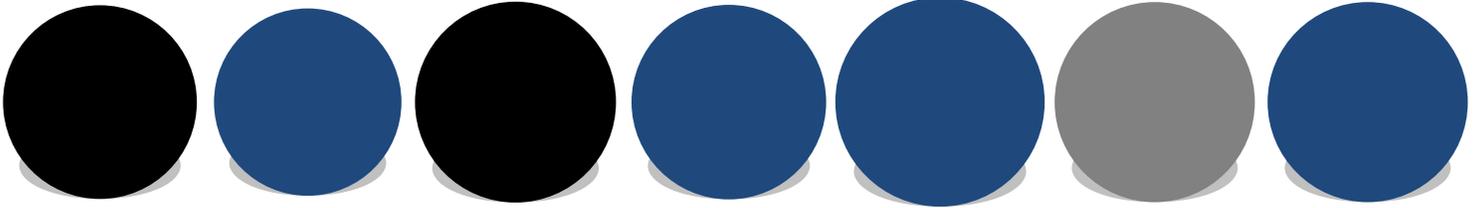


Name _____

Score: _____

Probability

The marbles pictured below are Black, Blue, Orange and Grey. 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 black marble from the bag? _____
3. What is the probability of drawing a Gray marble? _____
4. What is the probability of the drawing a Blue marble? _____
5. What is the probability of drawing a marble that is not Gray? _____
6. Would you be more likely to draw a marble that is not red or a marble that is not Gray? Explain your answer.

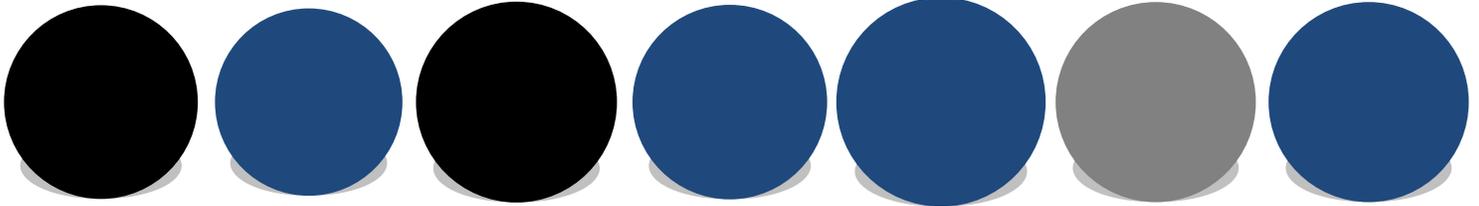
7. If two more black marbles were added to the bag, what would be the probability of drawing a black marble? _____

Name _____

Score: _____

Probability (A) **Answers**

The marbles pictured below are Black, Blue, Orange and Grey. 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? **Gray**
2. What is the probability of drawing the black marble from the bag? **2 Out of 7**
3. What is the probability of drawing a Gray marble? **1 Out of 7**
4. What is the probability of the drawing a Blue marble? **4 Out of 7**
5. What is the probability of drawing a marble that is not Gray? **6 Out of 7**
6. Would you be more likely to draw a marble that is not black or a marble that is not gray? Explain your answer.

You'd be more likely to draw a marble that is not black. There are only two black marble And 5 that are not black. You have a 6 out of 7 chance of drawing a non-gray marble. You have a 5 out of 7 chance of drawing a marble that is not black.

7. If two more black marbles were added to the bag, what would be the probability of drawing a black marble? **4 out of 9**