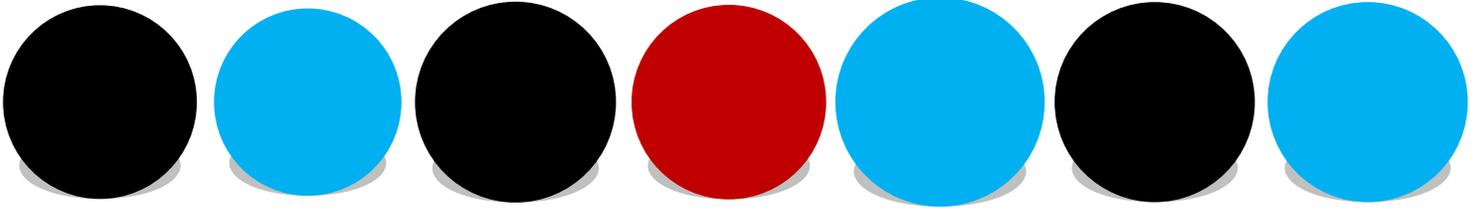


Name _____

Score: _____

Probability

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

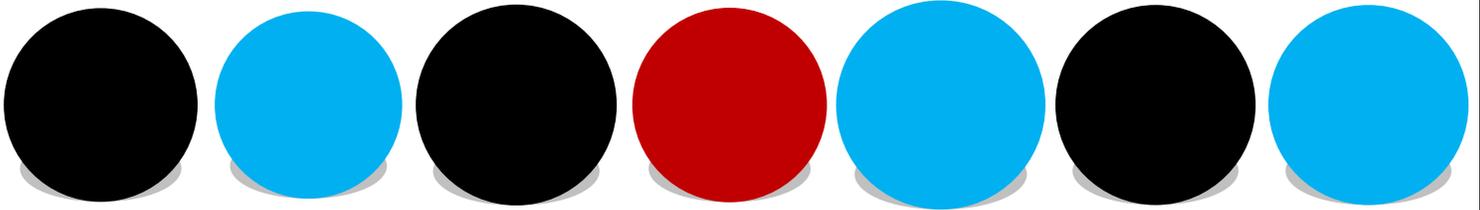
7. If three more black marbles were added to the bag, what would be the probability of drawing a black marble? _____

Name _____

Score: _____

Probability (A) **Answers**

The marbles pictured below are blue, red, and black. 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? **Red**
2. What is the probability of drawing the black marble from the bag? **3 out of 7**
3. What is the probability of drawing a blue marble? **3 out of 7**
4. What is the probability of the drawing a red marble? **1 out of 7**
5. What is the probability of drawing a marble that is not red? **6 out of 7**
6. Would you be more likely to draw a marble that is not red or a marble that is not blue? Explain your answer.

You'd be more likely to draw a marble that is not red. There is only one red marble and 6 that are not red. You have a 6 out of 7 chance of drawing a non-red marble. You have a 4 out of 7 chance of drawing a marble that is not blue.

7. If three more black marbles were added to the bag, what would be the probability of drawing a black marble? **6 out of 10**