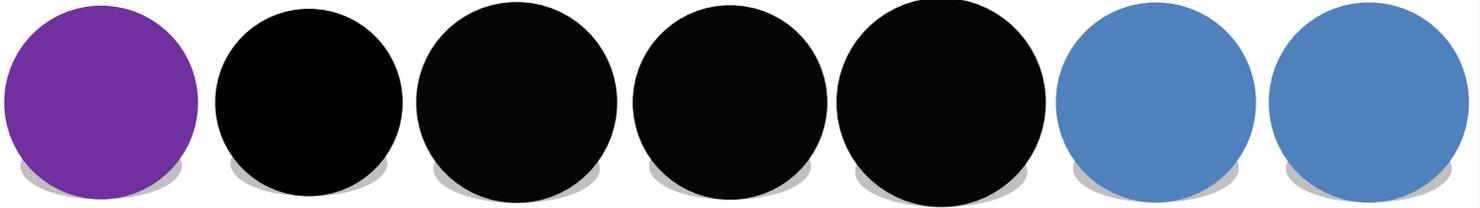


Name \_\_\_\_\_

Score: \_\_\_\_\_

# Probability

The marbles pictured below are purple, black, and blue. 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 Purple marble? \_\_\_\_\_

4. What is the probability of the drawing a Blue 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 Black or a marble that is not blue? Explain your answer.

---

---

---

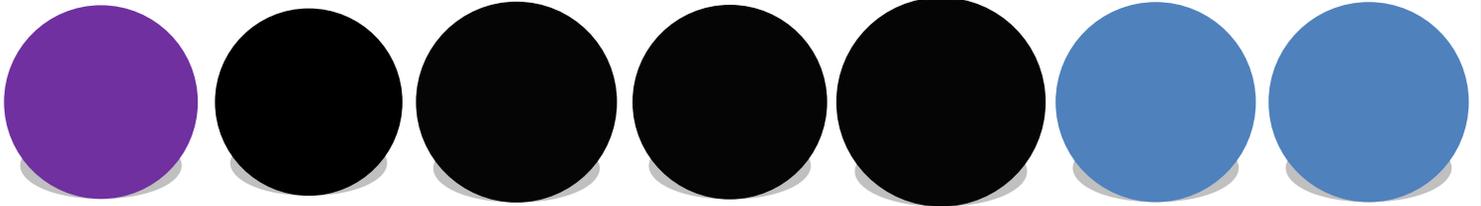
7. If three more Purple marbles were added to the bag, what would be the probability of drawing a Purple marble? \_\_\_\_\_

Name \_\_\_\_\_

Score: \_\_\_\_\_

## Probability (A) **Answers**

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

**You'd be more likely to draw a marble that is not Blue. There are Only Four**

**Black Marble and 3 that are not black. You have a 5 out of 7 chance of drawing a**

**non-Blue marble. You have a 3 out of 7 chance of drawing a marble that is not**

**Black.**

7. If Six more purple marbles were added to the bag, what would be the probability of drawing a purple marble? **7 out of 13**