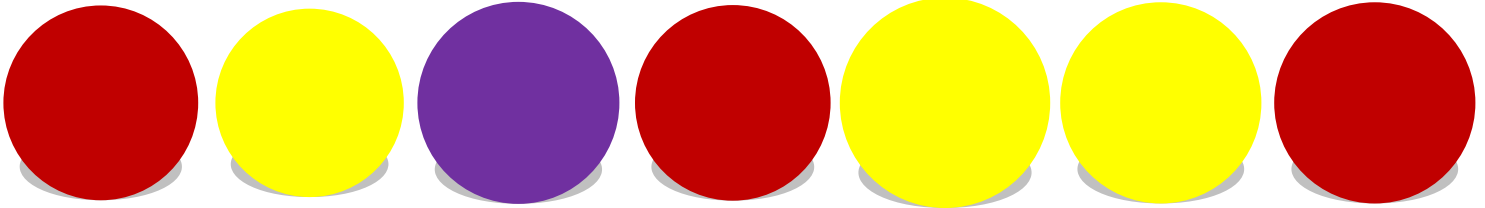


Name \_\_\_\_\_

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

# Probability

The marbles pictured below are red, purple, and yellow. 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 red marble? \_\_\_\_\_
4. What is the probability of the drawing a purple 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 purple or a marble that is not red? Explain your answer.

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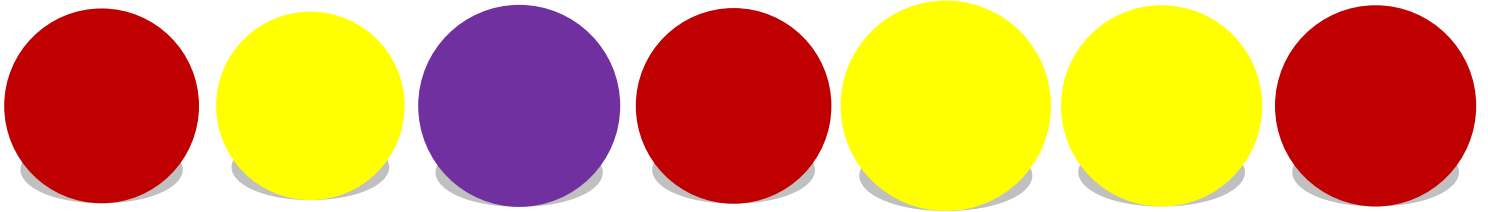
7. If two more red marbles were added to the bag, what would be the probability of drawing a red marble? \_\_\_\_\_

Name \_\_\_\_\_

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

## Probability (A) **Answers**

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

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

7. If two more red marbles were added to the bag, what would be the probability of drawing a red marble? **5 out of 9**