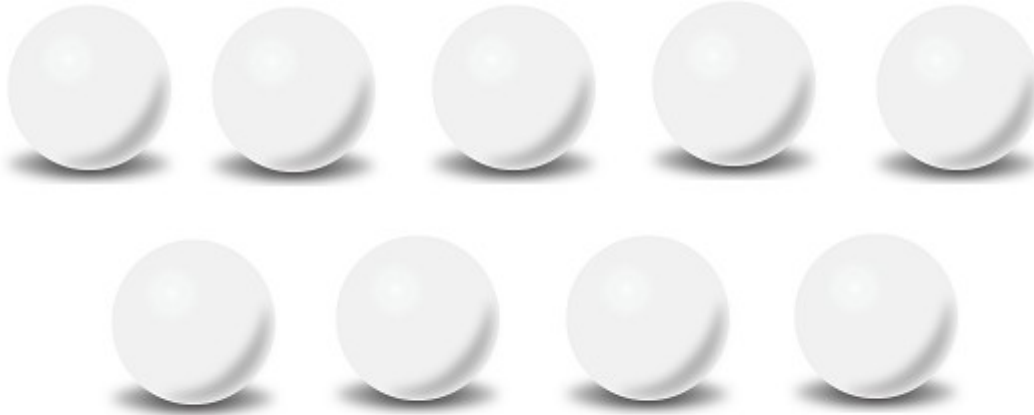


Name: _____

Probability

Color 4 marbles red, 3 marbles green, 1 marble yellow, and 1 marble blue.



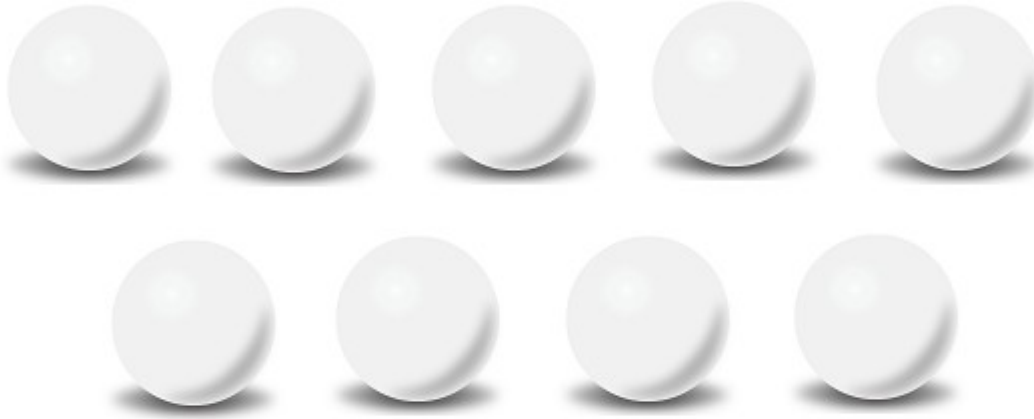
The marbles you colored above are placed into a bag. One is drawn at random.

1. Which color marble is most likely to be drawn from the bag? _____
2. What is the probability of drawing the green marble from the bag? _____
3. What is the probability of drawing a yellow marble? _____
4. Which two colors have the same probability of being drawn? _____
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 green or a marble that is not blue?
Explain your answer.

ANSWER KEY

Probability

Color 4 marbles red, 3 marbles green, 1 marble yellow, and 1 marble blue.



The marbles you colored above are placed into a bag. One is drawn at random.

1. Which color marble is most likely to be drawn from the bag? red
2. What is the probability of drawing the green marble from the bag? 3 out of 9
(or 1 out of 3)
3. What is the probability of drawing a yellow marble? 1 out of 9
4. Which two colors have the same probability of being drawn? yellow and blue
5. What is the probability of drawing a marble that is not red? 5 out of 9
6. Would you be more likely to draw a marble that is not green or a marble that is not blue?
Explain your answer.

You have a better probability of drawing on that is not blue. 8 out of 9 are not blue.
Only 6 out of 9 are not green.