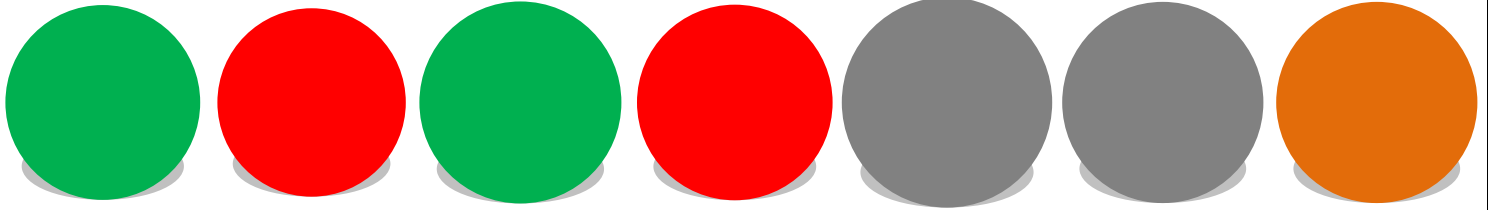Name _____   Score: _____

Probability

The marbles pictured below are green, red, 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 Red marble from the bag? _____

3. What is the probability of drawing a Green 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 orange? Explain your answer.
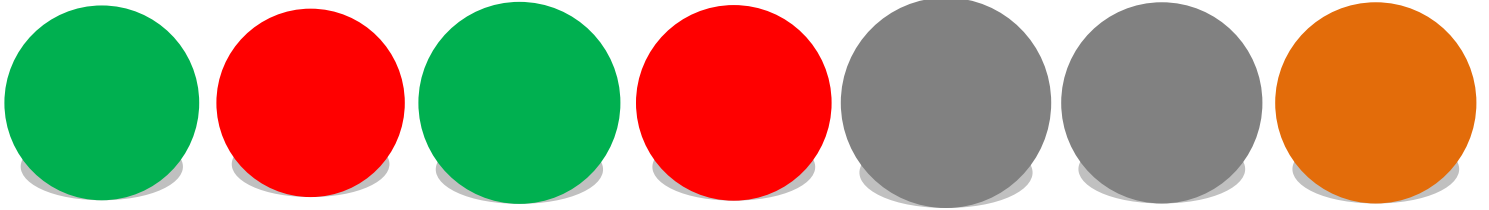
_____

_____

_____

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

Probability (A) Answers

The marbles pictured below are green, red, 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? **Orange**

2. What is the probability of drawing the Red marble from the bag? **2 Out of 7**

3. What is the probability of drawing a Green marble? **2 Out of 7**

4. What is the probability of the drawing a Red marble? **2 Out of 7**

5. What is the probability of drawing a marble that is not Red? **5 Out of 7**

6. Would you be more likely to draw a marble that is not Red or a marble that is not Orange? Explain your answer.

You'd be more likely to draw a marble that is not orange. There are Only two Red marble and 5 that are not Red. You have a 6 out of 7 chance of drawing a non-Orange marble. You have a 5 out of 7 chance of drawing a marble that is not red.

7. If four more orange marbles were added to the bag,what would be the probability of drawing a orange marble? **5 out of 11**