Practice 9-1
Probability

You spin a spinner numbered 1 through 10. Each outcome is equally likely. Find the probabilities below as a fraction, decimal, and percent.

1. $P(9)$

2. $P(\text{even})$

3. $P(\text{number greater than 0})$

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There are eight blue marbles, nine orange marbles, and six yellow marbles in a bag. You draw one marble at random. Find each probability.

4. $P(\text{blue marble})$ _____

5. $P(\text{yellow marble})$ _____

A box contains 12 slips of paper as shown. Each slip of paper is equally likely to be drawn. Find each probability.

red	blue	yellow	blue
yellow	red	blue	red
red	red	red	yellow

6. $P(\text{red})$

7. $P(\text{blue})$

_____

_____

8. $P(\text{red or blue})$

9. $P(\text{red or yellow})$

_____

_____

10. $P(\text{not red})$

11. $P(\text{not blue})$

_____

_____

You select a letter randomly from a bag containing the letters S, P, I, N, N, E, and R. Find the odds in favor of each outcome.

12. selecting an N

13. selecting an S

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