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.

- 2. P(even)
- 3. P(number greater than 0)
- 4. P(multiple of 4)

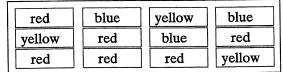
- 100%
- 亏, 02,20%

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

- 5. P(blue marble)
- **6.** P(yellow marble)
- 7. What marble could you add or remove so that the probability of drawing a blue marble is $\frac{1}{2}$?

All a yellow or orange. Then there would be 8 blue of 24 marbles. 34 = 3

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



10. *P*(yellow)

- **8.** *P*(red)

11. P(red or blue)

- **9.** *P*(blue)
- **12.** P(red or yellow)

13. *P*(blue or yellow)

14. *P*(not red)

- **15.** *P*(not blue) 크
- 16. P(not yellow)

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.

- 17. selecting an N

- 18. selecting an S

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