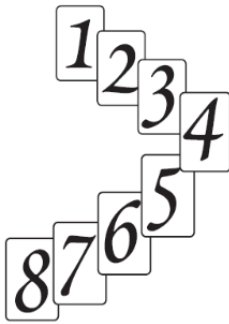


1. What is the probability of getting a head when flipping a fair coin?
2. What is the probability of getting a three when rolling a fair die?
3. What is the probability of rolling an odd for a fair die?
4. What is the probability of rolling a 1, 2, 3, 5, or 6 for a fair die.

5. These 8 cards are placed face down and shuffled.

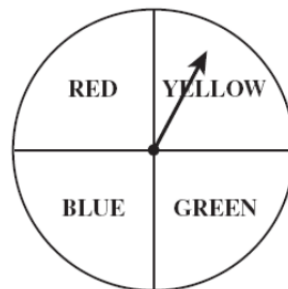


If Beatrice turns over only one card, what is the probability she will get a card with a number less than 4?

6. Fran has 16 CD's in a box: 6 country, 6 rock, 2 dance, and 2 classical. If she takes out one CD without looking, what is the probability that she will pick a rock or country CD?

7. A bucket contains 3 bottles of apple juice, 2 bottles of orange juice, and 8 bottles of water. If Kira randomly selects a bottle, what is the probability that she will select a drink other than water?

8. The spinner shown below is fair. What is the probability that the spinner will NOT stop on red or green if you spin it one time? State the probability as a percentage.



9. Ken's first five paychecks for his job were \$85, \$112, \$81, \$77, and \$95. What is the mean?

10. Anthony recorded the afternoon temperature for three days in a row. The temperatures were  $86^{\circ}$ ,  $96^{\circ}$ , and  $94^{\circ}$ . What is the mean of the list of temperatures?

11. Ben is collecting data for the price of Pepsi at various markets. The prices are shown below.

**\$1.20, \$0.90, \$1.25, \$0.80, \$1.10**

What is the median price?

12. The data below shows the number of points scored by the Clippers in the past six games.

**82, 98, 90, 100, 78, 104**

What is the median score

13. A list of the number of hours Bill worked for eight consecutive days is shown below.

**8, 10, 7, 8, 7, 11, 6, 8**

What is the mode of the set of numbers?

14. A list of the number of trips the space shuttle has taken to the moon each year for the past ten years is shown below. What is the mode of the list?

**3, 2, 1, 5, 3, 1, 2, 3, 2, 3**

**Answer Key:**

- |                  |                  |                  |                  |                  |                  |                   |        |
|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--------|
| 1) $\frac{1}{2}$ | 2) $\frac{1}{6}$ | 3) $\frac{1}{2}$ | 4) $\frac{5}{6}$ | 5) $\frac{3}{8}$ | 6) $\frac{3}{4}$ | 7) $\frac{5}{13}$ | 8) 50% |
| 9) \$90          | 10) $92^{\circ}$ | 11) \$1.10       | 12) 94           | 13) 8            | 14) 3            |                   |        |