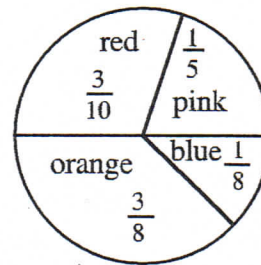


Problems

- There are five balls in a bag: 2 red, 2 blue, and 1 white. What is the probability of randomly choosing a red ball?
- In a standard deck of cards, what is the probability of drawing an ace?
- A fair die numbered 1, 2, 3, 4, 5, 6 is rolled. What is the probability of rolling an odd number?
- In the word "probability," what is the probability of selecting a vowel?
- Anna has some coins in her purse: 5 quarters, 3 dimes, 2 nickels, and 4 pennies.
 - What is the probability of selecting a quarter?
 - What is the probability she will select a dime or a penny?
- Tim has some gum drops in a bag: 20 red, 5 green, and 12 yellow.
 - What is the probability of selecting a green?
 - What is the probability of **not** selecting a red?

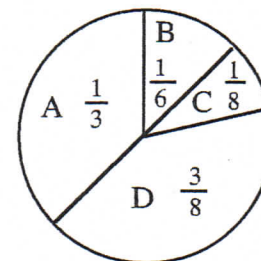
7. What is the probability of spinning:

- pink or blue?
- orange or pink?
- red or orange?
- red or blue?



8. What is the probability of spinning:

- A or C?
- B or C?
- A or D?
- B or D?
- A, B, or C?



Answers

- $\frac{2}{5}$
- $\frac{4}{52} = \frac{1}{13}$
- There are 3 odd numbers. $\frac{3}{6} = \frac{1}{2}$
- $\frac{4}{11}$
- a. $\frac{5}{14}$ b. $\frac{7}{14} = \frac{1}{2}$
- a. $\frac{5}{37}$ b. $\frac{17}{37}$
- a. $\frac{13}{40}$ b. $\frac{23}{40}$ c. $\frac{27}{40}$ d. $\frac{17}{40}$
- a. $\frac{11}{24}$ b. $\frac{7}{24}$ c. $\frac{17}{24}$ d. $\frac{13}{24}$ e. $\frac{5}{8}$