Name: _____

Probability Review

Find each probability. Write it as a fraction in simplest form.

1. A spinner landed on blue 6 times in 60 spins. What is the experimental probability of blue? Predict the number of blue spins in 300 spins.

   Answer: _____

2. A fair 6-sided number cube is rolled. What is the probability of rolling an even number?

   Answer: _____

3. Bag A has 2 red and 4 blue chips. Bag B has 5 red and 5 blue chips. One chip is drawn from each bag. What is P(red, red)?

   Answer: _____

4. A bag has 2 red, 5 green, 8 blue marbles. One is picked at random. What is P(not green)?

   Answer: _____

5. A coin is flipped and a number cube is rolled. What is P(heads and 2)?

   Answer: _____

6. A spinner landed on blue 19 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

   Answer: _____

7. A fair 6-sided number cube is rolled. What is the probability of rolling a 3?

   Answer: _____

8. Bag A has 3 red and 4 blue chips. Bag B has 2 red and 5 blue chips. One chip is drawn from each bag. What is P(red, red)?

   Answer: _____

9. A bag has 6 red, 2 blue, 4 yellow marbles. One is picked at random. What is P(blue)?

   Answer: _____

10. A coin is flipped and a number cube is rolled. What is P(heads and 3)?

    Answer: _____

Name: **ANSWER KEY**

Probability Review

Find each probability. Write it as a fraction in simplest form.

1. A spinner landed on blue 6 times in 60 spins. What is the experimental probability of blue? Predict the number of blue spins in 300 spins.

Answer: $\frac{1}{10}$, about 30

2. A fair 6-sided number cube is rolled. What is the probability of rolling an even number?

Answer: $\frac{1}{2}$

3. Bag A has 2 red and 4 blue chips. Bag B has 5 red and 5 blue chips. One chip is drawn from each bag. What is P(red, red)?

Answer: $\frac{1}{6}$

4. A bag has 2 red, 5 green, 8 blue marbles. One is picked at random. What is P(not green)?

Answer: $\frac{2}{3}$

5. A coin is flipped and a number cube is rolled. What is P(heads and 2)?

Answer: $\frac{1}{12}$

6. A spinner landed on blue 19 times in 50 spins. What is the experimental probability of blue? Predict the number of blue spins in 250 spins.

Answer: $\frac{19}{50}$, about 95

7. A fair 6-sided number cube is rolled. What is the probability of rolling a 3?

Answer: $\frac{1}{6}$

8. Bag A has 3 red and 4 blue chips. Bag B has 2 red and 5 blue chips. One chip is drawn from each bag. What is P(red, red)?

Answer: $\frac{6}{49}$

9. A bag has 6 red, 2 blue, 4 yellow marbles. One is picked at random. What is P(blue)?

Answer: $\frac{1}{6}$

10. A coin is flipped and a number cube is rolled. What is P(heads and 3)?

Answer: $\frac{1}{12}$