

Probability Problems **Solve.**

1) A number is chosen at random from 1 to 10. Find the probability of selecting number 4 or smaller numbers. _____

2) Bag A contains 9 red marbles and 3 green marbles. Bag B contains 9 black marbles and 6 orange marbles. What is the probability of selecting a green marble at random from bag A? What is the probability of selecting a black marble at random from Bag B? _____

3) A number is chosen at random from 1 to 50. What is the probability of selecting multiples of 10. _____

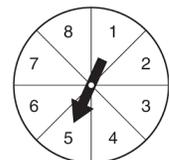
4) A card is chosen from a well-shuffled deck of 52 cards. What is the probability that the card will be a king OR a queen? _____

5) A number is chosen at random from 1 to 10. What is the probability of selecting a multiple of 3. _____

A spinner, numbered 1-8, is spun once. What is the probability of spinning ...

6) an EVEN number? _____ 7) a multiple of 3? _____

8) a PRIME number? _____ 9) number 9? _____





Answers

Probability Problems

1) $\frac{2}{5}$

2) $\frac{1}{4}, \frac{3}{5}$

3) $\frac{1}{5}$

4) $\frac{2}{13}$

5) $\frac{3}{10}$

6) $\frac{1}{2}$

7) $\frac{1}{4}$

8) $\frac{1}{2}$

9) 0