Name:

Date:

Probability Problems

Solve.

1) A number is chosen at random from 1 to 10. Find the probability of selecting of 4 and factors of 6.

2) A number is chosen at random from 1 to 50. Find the probability of selecting multiples of 10.

3) 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?

4) A number is chosen at random from 1 to 10. Find the probability of selecting a multiple of 3.

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

6) A spinner, numbered $1-8$, is spun once. What is the probability of spinning a PRIME number?



7) A spinner, numbered $1-8$, is spun once. What is the probability of spinning an EVEN number?



8) A number is chosen at random from 1 to 50. Find the probability of selecting prime numbers.

9) A spinner, numbered $1-8$, is spun once. What is the probability of spinning number 9?



10) 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?

Answer Key - www.testinar.com

Scan me for more PRACTICE

testinar.com/t/?c=13

1) A number is chosen at random from 1 to 10. Find the probability of selecting of 4 and factors of 6.

$\frac{1}{5}$

2) A number is chosen at random from 1 to 50. Find the probability of selecting multiples of 10.

$\frac{1}{10}$

3) 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?

$\frac{2}{13}$

4) A number is chosen at random from 1 to 10. Find the probability of selecting a multiple of 3.

$\frac{3}{10}$

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

$\frac{2}{5}$

6) A spinner, numbered $1-8$, is spun once. What is the probability of spinning a PRIME number?



$\frac{1}{2}$

7) A spinner, numbered $1-8$, is spun once. What is the probability of spinning an EVEN number?



$\frac{1}{2}$

8) A number is chosen at random from 1 to 50. Find the probability of selecting prime numbers.

$\frac{3}{10}$

9) A spinner, numbered $1-8$, is spun once. What is the probability of spinning number 9?



0

10) 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?

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