

More Basic Probability

7th Grade Math

Name: _____

Show each probability as a fraction and percent.

- 1) There are 5 white balls, 8 red balls, 7 yellow balls, and 4 green balls in a container. A ball is chosen at random.
- a) What is the probability of choosing a red?
 - b) What is the probability of choosing a green?
 - c) What is the probability of choosing either a red or white?
 - d) What is the probability of choosing neither white nor green?
 - e) What is the probability of choosing anything other than yellow?
 - f) What is the probability of choosing black?
- 2) A card is drawn from a single deck of 52 cards.
- a) Find the probability of drawing a black king.
 - b) Find the probability of drawing a white queen.
 - c) Find the probability of drawing a club.
 - d) Find the probability of drawing a red card.
 - e) Find the probability of drawing a black jack.

- 3) Numbers from 1 – 50 are written on a piece of paper and dropped into a box. A paper is chosen at random.
- a) Find the probability of choosing a multiple of 4 or multiple of 5.
 - b) Find the probability of choosing a number greater than 25.
 - c) Find the probability of choosing a number less than 30.
 - d) Find the probability of choosing a number greater than 10 but less than 30.
 - e) Find the probability of choosing a multiple of 12.
- 4) A fair die is rolled.
- a) Find the probability of rolling an even number.
 - b) Find the probability of rolling an odd number less than 3.
 - c) Find the probability of rolling a 7.
 - d) Find the probability of rolling an even prime number.