

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_ : \_\_\_\_ - \_\_\_\_ : \_\_\_\_

A basket is full of socks of different colors. There are 15 white socks, 3 red socks, 1 green sock, and 2 blue socks.

1. Choosing a sock at random from the basket, what is the probability of choosing a white sock?
- a. 3 out of 15
  - b. 15 out of 21
  - c. 1 out of 15

Answers:- (a), (b), (c)

Circle the correct answer.

2. Ned has an extra red sock in his hand already. If he chooses a sock at random from the basket, what is the probability that he will choose a red sock to match the one he has already?
- a. Probable
  - b. Impossible
  - c. Unlikely

Answers:- (a), (b), (c)

Circle the correct answer.

Gill plays baseball. When he is up to bat, he strikes out about 8 out of 10 times.

3. What is the probability that Gill will strike out?
- a. Certain
  - b. Unlikely
  - c. Probable

Answers:- (a), (b), (c)

Circle the correct answer.

4. Which of the following probabilities represents an event that is certain?
- a.  $\frac{5}{5}$
  - b.  $\frac{2}{8}$
  - c.  $\frac{5}{11}$

Answers:- (a), (b), (c)

Circle the correct answer.