

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.