

Name: _____

Date: _____

Time: ____ : ____ - ____ : ____

A group of students is asked about what sports they play. 12 of them play soccer. 8 of them play baseball. 6 of them play basketball. 5 of them do not play sports at all. None of them play more than one sport.

1. Choosing one of these students at random, what is the probability that the student plays baseball?
- a. 1 out of 8
 - b. 8 out of 31
 - c. 8 out of 20

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

Circle the correct answer.

2. Choosing one of these students at random, what is the probability that the student plays two sports?
- a. Impossible
 - b. Unlikely
 - c. Certain

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

Circle the correct answer.

Alan is a contestant on a game show. He has a chance to win a new car or \$10. There are three doors. Behind one of the doors is the car. Behind the other two doors is \$10. When he chooses one of the doors at random.

3. What is the probability that he will win \$10?
- a. 1 out of 3
 - b. 2 out of 2
 - c. 2 out of 3

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

Circle the correct answer.

4. What is the probability that he will win either a car or \$10?
- a. Unlikely
 - b. Certain
 - c. Impossible

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

Circle the correct answer.