

Name: _____

Date: _____

Time: ____ : ____ - ____ : ____

The school library contains 500 books. 400 of the books are hardcover books, and 100 of them are softcover. The library also contains 30 audio books and 20 videos.

1. If you were to check out a resource at random from the library, what is the probability of checking out a video?

- a. 20 out of 550
- b. 20 out of 500
- c. 20 out of 20

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

Circle the correct answer.

2. If you were to check out a resource at random from the library, what is the probability of choosing a hardcover book?

- a. Certain
- b. Unlikely
- c. Probable

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

Circle the correct answer.

3. 25 of the books are checked out already by other students. What is the probability that your book will be available to check out?

- a. 1 out of 25
- b. 375 out of 400
- c. 475 out of 500

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

Circle the correct answer.

4. Your teacher has assigned you a book report on a certain softcover book in the library. 50 books are checked out of the library already by other students. All 50 of them are hardcover books. What is the probability that your book will be available for checkout?

- a. Impossible
- b. Certain
- c. Probable

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

Circle the correct answer.