

# RCAT Practice Test Questions and Answers

## 1. What is the main function of a lever?

- A) To store energy
- B) To amplify an input force
- C) To change the direction of a force
- D) To measure the weight of an object

## 2. What is 15% of 80 added to 25% of 120?

- A) 42
- B) 40
- C) 45
- D) 38

## 3. What type of simple machine is a screw?

- A) Wedge
- B) Inclined plane
- C) Lever
- D) Pulley

## 4. Select the best synonym for "elaborate."

- A) Complex
- B) Simple
- C) Basic
- D) Small

**Answers: 1-B 2-A 3-B 4-A**

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