

Name: _____ Date: _____

1. Which sport does the passage use to examine physics?

- A baseball
- B football
- C hockey
- D soccer

2. What does the author describe in the passage?

- A how to score a goal in soccer
- B the relationship between work, force, and distance
- C physics experiments that led to important discoveries
- D different types of energy

3. A soccer ball will travel a greater distance the harder it is kicked. What evidence from the text best supports this statement?

- A Physicists spent years trying to figure out why objects move the way they do.
- B Kicking a soccer ball requires applying force to the surface of the ball.
- C The greater the force, the faster the ball will go, and the further it will travel.
- D How much force you apply to the ball will often determine whether you score a goal or not.

4. What is the difference between passing the ball to a teammate and shooting a goal?

- A the amount of force applied to the ball
- B the way that the ball rolls
- C the distance the ball has to travel
- D it is more difficult to pass the ball

5. What is this passage mostly about?

- A geometry
- B biology
- C physics
- D chemistry

6. Read the following sentences: "Everyone knows that kicking a soccer ball causes it to roll across the grass. But what makes this happen? What is **required** to make the ball move faster?"

What does "**required**" mean?

- A allowed
- B needed
- C ordered
- D stopped

7. Choose the answer that best completes the sentence below.

The tired soccer player does not have any energy left; _____, he is unable to do any more work.

- A however
- B finally
- C specifically
- D therefore

8. Define "work."
