

Name

Date

The Science of Summer Fun

 May 4, 2018

Use this week's cover story to answer the questions. For each question, circle the letter next to the best answer.

Read for Details (RI.3.1; RI.4.1)**1.** Which branch of does waterslide design involve?

- A. biology
- B. physics
- C. oceanography
- D. geology

Define Scientific Words (RI.3.4; RI.4.4)**2.** Going faster and slowing down are examples of

- A. acceleration.
- B. gravity.
- C. zero gravity.
- D. none of the above

Read for Information (RI.3.1; RI.4.1)**3.** What creates acceleration?

- A. the slope of the slide
- B. the curves of the slide
- C. tunnels
- D. both A and B

Identify Cause and Effect (RI.3.3; RI.4.3)**4.** What will happen if a slide's slope is made steeper?

- A. The rider will go slower.
- B. The rider will go faster.
- C. The rider will not move.
- D. The rider will move at the same speed.

Identify Main Idea (RI.3.2; RI.4.2)**5.** This story is mostly about

- A. the thrill of visiting a water park.
- B. how waterslide designers create a zero-gravity moment.
- C. the science of waterslides.
- D. the high-tech tools used to design waterslides.

Make Inferences (RI.3.1; RI.4.1)**6.** Brian Jones would most likely agree that going fast down a waterslide is

- A. not a designer's only goal.
- B. is too dangerous.
- C. is the designer's main goal.
- D. is not any fun.

