

Name _____ Date _____

Instructions: Read each question carefully and choose the best answer.

1. Watching which of the following is most helpful to a person who enjoys wind sports?
 - Ⓐ an airplane in flight
 - Ⓑ a parasailor
 - Ⓒ a bird in flight
 - Ⓓ moving clouds
2. What helps a hang glider stay in the air?
 - Ⓐ gravity
 - Ⓑ wing flapping
 - Ⓒ cold air
 - Ⓓ a streamlined wing design
3. Which of the following means *height above a surface*?
 - Ⓐ resistance
 - Ⓑ altitude
 - Ⓒ lift
 - Ⓓ thrust
4. How are the requirements for skydiving and the requirements for hang gliding alike?
 - Ⓐ Both require the person to be able to carry a forty pound weight while jogging.
 - Ⓑ Both require the person to be at least sixteen years old.
 - Ⓒ Both require six months of training.
 - Ⓓ All of the above
5. Which of the following traits would you expect a skydiver to have?
 - Ⓐ to be afraid of heights
 - Ⓑ to be adventurous
 - Ⓒ to be irresponsible
 - Ⓓ to be timid
6. Which of the following does not have an age requirement?
 - Ⓐ parasailing
 - Ⓑ skydiving
 - Ⓒ hang gliding
 - Ⓓ both A and B

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7. Which of the following states a fact?
 - Ⓐ People who skydive are crazy.
 - Ⓑ When a parachute opens, it fills with air and slows a skydiver's speed.
 - Ⓒ There should be an age requirement for parasailing.
 - Ⓓ Hang gliding is better than skydiving.
8. How is the way a skydiver launches different from the way a hang glider launches?
 - Ⓐ A skydiver is pulled by a motor boat.
 - Ⓑ A skydiver jumps off the side of a building.
 - Ⓒ A skydiver runs down a steep slope and leaps.
 - Ⓓ A skydiver jumps out of a plane.
9. What is **air pressure**?
 - Ⓐ falling quickly through the air
 - Ⓑ a rising column of air
 - Ⓒ the height above a surface
 - Ⓓ the force of air in the atmosphere
10. What happens after a skydiver pulls the ripcord?
 - Ⓐ The skydiver instantly lands.
 - Ⓑ The small drogue chute comes out followed by the larger chute.
 - Ⓒ The larger chute comes out followed by the small drogue chute.
 - Ⓓ The skydiver free-falls.
11. **Extended Response:** Make a list of pros and cons for hang gliding or skydiving. Then write whether or not you would like to try it and tell why.
12. **Extended Response:** Why doesn't a person need any training to go parasailing but does need training to go skydiving and hang gliding?

Quick Check Answer Sheet

Catching Air

Main Comprehension Skill: Compare and Contrast

1. Ⓒ *Main Idea and Details*
2. Ⓓ *Cause and Effect*
3. Ⓑ *Vocabulary*
4. Ⓑ *Compare and Contrast*
5. Ⓑ *Make Inferences / Draw Conclusions*
6. Ⓐ *Main Idea and Details*
7. Ⓑ *Fact or Opinion*
8. Ⓓ *Compare and Contrast*
9. Ⓓ *Vocabulary*
10. Ⓑ *Sequence Events*
11. Answers will vary but likely include the following ideas: *danger, adventure, cost, time for lessons, age, etc.*
12. Answers will vary but should include the following ideas: *the person in the boat is the one keeping a parasailor in the air, and the parasailor is attached to the boat at all times, which keeps the parasailor safe. In skydiving and hang gliding, a person needs to know about aerodynamics to stay in the air and needs to use equipment properly to stay safe.*