

Name _____ Date _____

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

1. How did the steam engine change travel on the water?
 - Ⓐ Boats could travel into the wind.
 - Ⓑ Boats could go faster than the wind.
 - Ⓒ Boats could go against the water current.
 - Ⓓ All of the above
2. What is the fastest living thing?
 - Ⓐ cheetah
 - Ⓑ peregrine falcon
 - Ⓒ sailfish
 - Ⓓ racehorse
3. Drag is to water as _____ is to air.
 - Ⓐ current
 - Ⓑ speed
 - Ⓒ resistance
 - Ⓓ hydroplane
4. The land speed record for bicycles was set when a cyclist rode behind a _____.
 - Ⓐ train
 - Ⓑ racehorse
 - Ⓒ race car
 - Ⓓ cheetah
5. How are boats, tractors, and trains alike?
 - Ⓐ They are all made of steel.
 - Ⓑ They all have wheels.
 - Ⓒ They are as fast as a cheetah.
 - Ⓓ They are all powered by a steam engine.
6. What does the word **mechanical** mean?
 - Ⓐ the speed at which a object moves
 - Ⓑ things with moving parts that help people
 - Ⓒ an old type of bicycle with two large wheels
 - Ⓓ a type of train that rides on a cushion of air

Quick Check continued on following page

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7. What does **streamlined** mean?
 - Ⓐ to look like a stream of water
 - Ⓑ to have little resistance or drag
 - Ⓒ to run like a cheetah
 - Ⓓ to race through water
8. Currently, what is the fastest thing a person can ride in?
 - Ⓐ a rocket
 - Ⓑ jet airplane
 - Ⓒ a bullet train
 - Ⓓ a hydroplane boat
9. How are hydroplane boats and magnetic trains similar?
 - Ⓐ They barely, if at all, touch the water or tracks.
 - Ⓑ They can go as fast as a rocket.
 - Ⓒ They are used to carry people and products.
 - Ⓓ They are powered by steam engines.
10. What would be the fastest speed humans could travel?
 - Ⓐ speed of sound
 - Ⓑ speed of light
 - Ⓒ speed of wind
 - Ⓓ speed of a cheetah
11. **Extended Response:** What two ways does speed help animals survive?
12. **Extended Response:** How are humans different from other animals when it comes to speed?

Quick Check Answer Sheet

Speed

Main Comprehension Skill: Compare and Contrast

1. Ⓓ Cause and Effect
2. Ⓑ Main Idea and Details
3. Ⓒ Vocabulary
4. Ⓒ Main Idea and Details
5. Ⓓ Compare and Contrast
6. Ⓑ Vocabulary
7. Ⓑ Vocabulary
8. Ⓐ Make Inferences / Draw Conclusions
9. Ⓐ Compare and Contrast
10. Ⓑ Make Inferences / Draw Conclusions
11. Answers will vary but should state: *speed helps animals catch their prey and escape predators.*
12. Answers will vary. Example:
Animals' bodies limit how fast they can move but humans use their brains to create and invent new ways to move and travel faster.