

Name _____ Date _____

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

1. Read this sentence:
Aerodynamics is important in NASCAR racing. What is **aerodynamics**?
 - (A) the force of air that pushes a car down
 - (B) the force of air that holds a car back
 - (C) how air moves around the shape of an object
 - (D) a system that delivers fuel more efficiently to the engine
2. How does a NASCAR engine compare with a road engine?
 - (A) A NASCAR engine produces 150 bhp, and a road engine produces 800 bhp.
 - (B) A NASCAR engine produces the same amount of power as a road engine.
 - (C) A NASCAR engine is far more powerful than a road engine.
 - (D) A NASCAR engine has fewer cylinders than a road engine.
3. What would make you think that NASCAR race cars are expensive to build?
 - (A) A NASCAR race can cover 600 miles.
 - (B) NASCAR race cars race all over the United States.
 - (C) The race cars race very close together.
 - (D) The race cars have many special features.
4. What is the overall main idea of the book *The World of NASCAR*?
 - (A) Drivers use a fresh car for each race.
 - (B) NASCAR drivers must follow many rules to drive fast and stay safe.
 - (C) NASCAR racing is a major sporting event for custom-built cars.
 - (D) A NASCAR race car is very fast and is made of many parts.

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| <p>5. Which of the following statements is an opinion?</p> <ul style="list-style-type: none"> Ⓐ NASCAR race cars are the best type of race car. Ⓑ Turbo systems are not allowed in NASCAR. Ⓒ Stock-car racing began in the 1940s. Ⓓ NASCAR cars are built for speed and safety. <p>6. Why does each NASCAR tire only last for about 150 miles?</p> <ul style="list-style-type: none"> Ⓐ A tire is under extreme stress during a race. Ⓑ The air inside each tire is unstable. Ⓒ Pit stops take place every 150 miles. Ⓓ Tire pressure decreases after 150 miles. | <p>7. What is the author's reason for writing this book?</p> <ul style="list-style-type: none"> Ⓐ to make readers interested in designing race cars Ⓑ to make readers want to drive a race car Ⓒ to inform readers about NASCAR Ⓓ to persuade readers to watch NASCAR races <p>8. Why does NASCAR have regulations?</p> <ul style="list-style-type: none"> Ⓐ to create race cars that are exciting to watch Ⓑ to ensure that the race cars stay similar to the design of stock cars of the 1940s Ⓒ to ensure racing is exciting for fans, safe for drivers, and competitive for teams Ⓓ to control the amount of bhp produced by the cars |
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9. What is the main reason that race teams spend millions of dollars on testing?

- Ⓐ Testing is a NASCAR requirement.
- Ⓑ Testing helps identify advantages that could lead to a championship.
- Ⓒ The team that spends the most on testing gets a special award.
- Ⓓ All of the above

10. What does the acronym *NASCAR* stand for?

- Ⓐ National Auto Stock Car Racing
- Ⓑ National Association for Stock Car Auto Racing
- Ⓒ New Association for Super Charged Auto Racing
- Ⓓ New Auto Stock Car Racing

11. **Extended Response:** How has NASCAR racing changed over time?

12. **Extended Response:** What characteristics might describe the relationship between a NASCAR driver and his or her team? Why is this relationship important?

Quick Check Answer Sheet

The World of NASCAR

Main Comprehension Skill: Cause and Effect

1. Ⓒ Vocabulary
2. Ⓒ Compare and Contrast
3. Ⓓ Make Inferences / Draw Conclusions
4. Ⓒ Main Idea and Details
5. Ⓐ Fact or Opinion
6. Ⓐ Cause and Effect
7. Ⓒ Author's Purpose
8. Ⓒ Cause and Effect
9. Ⓑ Cause and Effect
10. Ⓑ Vocabulary
11. Answers will vary but should include the following idea:
technology, modifications, and new techniques have changed NASCAR from racing regular cars on dirt tracks to racing customized cars on competitive asphalt tracks.
12. Answers will vary. Example: *The relationship between a racing team and driver must include trust, a love of winning, and a willingness to push boundaries. The relationship is important because without these shared characteristics, the driver will be unlikely to win a race.*