

Name: _____ Date: _____

1. What is the Hyperloop?

- A. an electric car that Elon Musk is designing
- B. a private spaceship that Elon Musk is designing
- C. a traveling tube that Elon Musk is designing
- D. a bullet train that Elon Musk is designing

2. What does this passage describe?

- A. This passage describes a traveling tube that could help people get around in the future.
- B. This passage describes the costs of building traveling tubes around the world.
- C. This passage describes the damage that cars, planes, and trains do to the environment.
- D. This passage describes the reasons that people are looking for a cheaper-than-ever way to travel.

3. If built, the Hyperloop would be faster than any other type of transportation.

What evidence from the passage supports this statement?

- A. People using the Hyperloop would travel in pods that are about six-and-a-half feet across.
- B. The Hyperloop is being designed to travel at twice the speed of an airplane.
- C. Right now people can fly, drive, or take a train to get from Los Angeles to San Francisco.
- D. Inventors in other countries are working on technology similar to the Hyperloop.

4. Based on information in the passage, what is one reason that people might want to use the Hyperloop instead of other kinds of transportation?

- A. People with motion sickness might not be able to handle the Hyperloop.
- B. People are tired of using the same four kinds of transportation over and over.
- C. The Hyperloop could take people to places where planes and trains do not go.
- D. People would not have to pay as much to use the Hyperloop.

5. What is this passage mainly about?

- A. science fiction movies and cartoons featuring futuristic traveling tubes with tiny pods
- B. the interest that inventor Elon Musk has in private space flight and electric cars
- C. why the train between Los Angeles and San Francisco is one of the slowest in the country
- D. a tube that could make travel in the future easier, faster, and cheaper

6. Read the following sentences: "Additionally, Musk believes the Hyperloop could be completely powered by the sun-making it more environmentally friendly than cars, airplanes, or train systems. Someday it could possibly move people between the East and West Coasts of the United States in less than an hour, which is faster than any other **mode** of transportation that exists."

What does the word **mode** mean in the sentence above?

- A. ticket
- B. type
- C. train
- D. travel

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

The Hyperloop would offer travelers many benefits, _____ fast trips and low prices.

- A. meanwhile
- B. finally
- C. including
- D. otherwise

8. According to the passage, what are some of the questions that remain unanswered about the Hyperloop?

9. Is anyone besides Elon Musk working on technology similar to the Hyperloop? If so, who?

10. Based on information in the passage, is a traveling tube such as the Hyperloop likely to become a reality or not? Explain your answer with evidence from the passage.

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Students may cite any of the following questions: (1) How much would the Hyperloop cost? (2) How long would the Hyperloop take to build? (3) Where would the Hyperloop go? (4) How would people with motion sickness handle the Hyperloop? (5) Is the project really doable?

9. Is anyone besides Elon Musk working on technology similar to the Hyperloop? If so, who?

Yes, inventors in other countries are working on technology similar to the Hyperloop.

10. Based on information in the passage, is a traveling tube such as the Hyperloop likely to become a reality or not? Explain your answer with evidence from the passage.

Multiple answers are acceptable, provided they are supported by information from the passage. Students may answer that a traveling tube is not likely to become a reality because there are so many unanswered questions about its cost, the amount of time needed to build it, and whether it is even doable. Conversely, students may answer that a traveling tube is likely to become a reality because Musk and inventors in other countries are all working on travel tube technology. A more complex answer might cite precedent: In the past Musk has worked on private space flight and electric cars, two types of technology that have become reality, so there is a good chance that traveling tubes will become reality too.