

Review of Reducing Hazard Impact

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Understanding Engineering and Community Safety

Name: _____

Date: _____

Answer the following questions based on what you learned about reducing the impact of natural hazards.

1. What is the purpose of building codes?

- A. To make buildings look nice
- B. To ensure safety and minimize damage
- C. To increase the value of homes

2. How can engineering help reduce natural disaster damage?

3. A prudent man sees danger and ____ himself.

4. Engineering solutions are important for community safety.

- True False

5. Which of the following is an example of hazard-resistant infrastructure?

- A. A tall building with many windows
- B. A bridge designed to sway during an earthquake
- C. A house made of wood only

6. What are some ways we can protect our homes and communities from hazards?

7. Engineers design safer structures to reduce the impact of ____ hazards.

8. The simple pass on and suffer for danger according to Proverbs 22:3.

- True False

9. What makes a building safe during an earthquake?

- A. Having a strong foundation
- B. Being very tall
- C. Using lots of glass

10. Why is it important to analyze building codes and infrastructure strategies?

Answer Key

1. 1 2. Engineering provides solutions to design buildings and infrastructure that can withstand natural disasters like earthquakes and hurricanes. 3. hides 4. True 5. A bridge designed to sway during an earthquake 6. We can follow building codes, use strong materials, and create emergency plans to keep everyone safe. 7. natural 8. True 9. Having a strong foundation 10. It's important to ensure that our buildings can withstand natural hazards and keep people safe during disasters.