

# Mountains and Trenches Review

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## Understanding Plate Tectonics

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what you learned about mountains and ocean trenches.

1. What happens when tectonic plates collide?

- A. They create earthquakes
- B. They create mountain ranges
- C. They form valleys

2. Can you name a mountain range formed by plate collision?

3. When plates push together, they can create \_\_\_\_ mountain ranges.

4. Ocean trenches are formed when tectonic plates move apart.

- True       False

5. What is one effect of tectonic plates moving?

- A. Creating deep ocean trenches
- B. Forming flat lands
- C. Making the weather change

6. How might God's design of moving plates show His creativity?

7. The Himalayan Mountains formed from plate collision.

- True       False

8. God laid the foundation of the earth, as mentioned in Job 38:4-6, showing His \_\_\_\_ in creation.

9. What might happen if Earth's plates didn't move?

- A. Mountains would grow taller
- B. There would be no earthquakes
- C. The landscape would stay the same

10. What are collision zones, and what do they create?

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### Answer Key

1. They create mountain ranges    2. The Himalayan Mountains are formed by plate collision.    3. tall    4. False    5. Creating deep ocean trenches    6. It shows His ability to create diverse landscapes and features on Earth.    7. True    8. creativity    9. The landscape would stay the same    10. Collision zones are areas where tectonic plates meet, and they can create deep ocean trenches.