

# Crystal Shapes and Cleavage Review

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## Understanding Minerals: Earth's Crystal Treasures

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

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

Answer the following questions based on what you learned about crystal shapes and cleavage.

1. What do we call the way minerals naturally break along flat planes?

- A. Cleavage
- B. Crystal growth
- C. Geometric patterns

2. Minerals grow in specific \_\_\_\_ patterns that show God's design.

3. What is one way that crystal shapes show God's design?

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4. What did Job 28:10 say about God's creation?

- A. He plants flowers in the garden.
- B. He cuts out channels through the rocks.
- C. He makes the sun shine.

5. Match the mineral properties with their descriptions.

Cleavage

How minerals break

Crystal Shapes

The geometric patterns minerals grow into

6. Why do you think minerals break in precise ways?

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7. God sees every \_\_\_\_ thing, as mentioned in Job 28:10.

8. How can we describe minerals in relation to puzzles?

- A. They are like boring rocks.
- B. They are like beautiful, God-designed puzzles.
- C. They cannot be shaped.

9. What did you find interesting about crystal shapes?

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10. What do crystal shapes reveal about minerals?

- A. Their color only
- B. Their atomic arrangements
- C. Their weight

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### Answer Key

1. Cleavage 2. geometric 3. They have specific patterns that are beautiful and complex. 4. He cuts out channels through the rocks. 5. How minerals break 6. Minerals have a specific atomic arrangement which makes them break along certain lines. 7. precious 8. They are like beautiful, God-designed puzzles. 9. They can have unique designs and colors that are really cool! 10. Their atomic arrangements

