

Tessellations Review

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Understanding Patterns and God's Design

Name: _____

Date: _____

Answer the following questions based on the lesson about tessellations.

1. What are tessellations?

- A. Shapes that fit together with gaps
- B. Shapes that fit together without gaps
- C. Shapes that are only seen in nature

2. How do tessellations demonstrate God's intentional design? Provide two examples from nature.

3. Tessellations require ___ understanding of geometric shapes.

4. Tessellations can have gaps between the shapes.

- True False

5. Where can tessellations be found?

- A. Only in art
- B. In nature and architecture
- C. Only in mathematics

6. What are some characteristics of shapes used in tessellations?

7. Proverbs 3:19 tells us that God founded the earth by ___ and established the heavens by understanding.

8. Tessellations are only a mathematical concept and do not relate to art or design.

- True False

9. What is an example of a tessellation seen in nature?

- A. Clouds
- B. Honeycomb
- C. Mountains

10. Why is it important for shapes in tessellations to match exactly?

Answer Key

1. Shapes that fit together without gaps 2. Tessellations show God's design by fitting perfectly together, like honeycomb and turtle shells, which are both found in nature. 3. precise 4. False 5. In nature and architecture 6. Shapes must match exactly at their edges and should cover a surface without leaving any gaps. 7. wisdom 8. False 9. Honeycomb 10. It is important for shapes to match exactly to ensure that there are no gaps, creating a complete design.