

# Exploring Geometry in God's Creation

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## Patterns in Nature Review

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

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

Answer the following questions based on the lesson about geometric patterns found in nature.

1. What type of geometric pattern is found in shells that relates to the Fibonacci sequence?

- A. Hexagons
- B. Spirals
- C. Fractals

2. How do hexagonal structures in honeycombs show efficiency? Provide an example.

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3. Fractal patterns in nature are simple and do not show complexity.

- True       False

4. Yahweh by wisdom founded the earth. By \_\_\_\_\_, he established the heavens.

5. What is one way we can see God's intelligent design in nature?

- A. Randomness in shapes
- B. Mathematical patterns like spirals and hexagons
- C. Irregular patterns everywhere

6. Describe a geometric pattern you found in nature during the treasure hunt activity.

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7. Geometric patterns in nature help us appreciate mathematical design.

- True       False

8. Patterns like \_\_\_\_\_ and fractals are examples of complex geometric shapes in nature.

9. Which principle can we observe in natural geometric patterns?

- A. Mathematical precision
- B. Chaotic arrangements
- C. No patterns at all

10. What did you find surprising about nature's geometric designs? Explain why.

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Answer Key

1. Spirals 2. Hexagonal shapes use less wax and create more space for honey, showing efficiency in design. 3. False 4. understanding 5. Mathematical patterns like spirals and hexagons 6. I found a spiral pattern in a snail shell that showed how nature uses the Fibonacci sequence. 7. True 8. spirals 9. Mathematical precision 10. I was surprised by how many patterns exist, like honeycombs and tree branches, showing that God's creation follows mathematical rules.