Growing and Shrinking Sequences Review

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Understanding Patterns in Math and God's Creation

Name: _____ Date: _____

Answer the following questions based on what you learned about growing and shrinking sequences.

1. What makes a sequence predictable?

- **A.** It varies randomly
- **B.** It follows a specific pattern
- **C.** It has no rules

2. Increasing sequences always add the same amount to each term.

◯ True ◯ False

3. How can understanding patterns help us appreciate God's world?

4. God's creation has a time for every purpose, just like a mathematical ___ has its own rules.

5. In a shrinking sequence, what happens to the numbers?

- **A.** They increase
- **B.** They decrease
- **C.** They stay the same

6. Patterns can only be found in numbers and not in nature.

◯ True ◯ False

7. Can you name a place in God's creation where you see a pattern? Explain.

8. Understanding sequences can help us predict missing ___ in a pattern.

9. What does Ecclesiastes 3:1 teach us about time?

- **A.** It is random
- **B.** It has a purpose
- **C.** It is always the same

10. Why is it important to develop patient problem-solving skills when working with sequences?

Answer Key

1. It follows a specific pattern 2. True 3. Understanding patterns shows us that God created everything with order and purpose. It helps us see His design in nature. 4. sequence 5. They decrease 6. False 7. I see patterns in the petals of flowers, where some flowers have a specific number of petals that repeat. 8. terms 9. It has a purpose 10. Developing patience helps us think carefully and find the right patterns, which honors God's orderly design.