

Patterns Bell work

1. Complete the following statement.

- a. The value added each time in algebraic patterns is called the _____.
- b. _____ are sequences of numbers with patterns that are based on multiplication and division.

2. Write T for true or F for false.

- a. Algebraic patterns are number patterns with sequences based on multiplication and division.
- b. The value multiplied each time in geometric patterns is called the common ratio.

Multiple Choice

3. What does a set of repeated numbers, shapes, objects, or events form?

- a. Chart
- b. Pattern
- c. Group

4. What would come next in this pattern 0010010010 ?

- a. 1
- b. 00
- c. 0

5. What would come next in this pattern 88288388488 ?

- a. 5
- b. 88
- c. 888

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ANSWERS

1. Complete the following statement.

- a. The value added each time in algebraic patterns is called the **common difference**.
- b. **Geometric patterns** are sequences of numbers with patterns that are based on multiplication and division.

2. Write T for true or F for false.

- a. Algebraic patterns are number patterns with sequences based on multiplication and division. **F**
- b. The value multiplied each time in geometric patterns is called the common ratio. **T**

Multiple Choice

3. What does a set of repeated numbers, shapes, objects, or events form?

- a. Chart
- b. **Pattern**
- c. Group

4. What would come next in this pattern 00I00I00I0 ?

- a. I
- b. 00
- c. **0**

5. What would come next in this pattern 188288388488 ?

- a. **5**
- b. 88
- c. 888