Performance Task no. 1

NAME: _____

SECTION: _____ DATE: _____

IDENTIFYING SEQUENCES

Objective: To identify whether the sequence is an arithmetic or geometric.

Remember

A sequence is **Arithmetic** if there exist an ordered set of numbers that have a common difference between each consecutive term.

A sequence is **Geometric** if there exists an ordered set of numbers that have a common ratio between each consecutive term.

DIRECTIONS: Identify whether the following sequence is arithmetic or geometric. Click the box and tick your answer from the choices given.

1. {2, 6, 18, …}
2. {21, 17, 13, …}
3. {-10, -6, -2, …}
4. {4, -12, 36, …}
5. {16, 11, 6, …}
6. {- 3, 6, 15, …}
7. {30, 10, $\frac{10}{3}$, …}
8. {12, 3, -6, …}
9. {60, 30, 15, …}
10. {2, 12, 22, …}

How many attempts did you make? _____

How well did you do? _____

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☐ **Need Help!** ☐ **Just OK!** ☐ **Splendid**

LIVEWORKSHEETS