

Name : _____

Geometric Sequence

Determine whether the given sequence is geometric. If it is geometric, find the common ratio(r).

1) 6, 26, 46, 66, 86, ...

2) $2\sqrt{2}, 8\sqrt{2}, 32\sqrt{2}, 128\sqrt{2}, 512\sqrt{2}, \dots$

3) 3.2, -16, 80, -400, ...

4) 10, 140, ...

5) 7.3, 43.8, 262.8, ...

6) $\frac{243}{64}, \dots$

7) -5, -18, -31, -44, ...

8) 16384, ...

9) $-\frac{1}{3}, -\frac{5}{12}, -\frac{25}{48}, -\frac{125}{192}, -\frac{625}{768}, \dots$

10) -1, -3, -6, -10, -15, ...

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