

Name : _____

Geometric Sequence

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

- 1) 100, 130, 169, 219.7, 285.61, ... 2) 3, -27, 243, -2187, 19683, ...

- 3) -11, -20, -31, _____

$$\frac{3\sqrt{3}}{125\sqrt{2}}, \dots$$

- 5) 175, 35, 7, 1.4, _____

0, ...

- 7) $\frac{2}{7}, \frac{8}{21}, \frac{32}{63}, \frac{12}{18}$ _____

-3.2, -4, ...

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- 9) 16, 9, 2, -5, -12, ...

- 10) 1, 14, 196, 2744, 38416, ...