

Introduction to Geometric Sequences
Unit 7: Representations of Exponential Relations

Determine if the sequence is geometric. If it is, find the common ratio.

1. $-3, 12, 27, 42, \dots$	2. $3, 15, 75, 375, \dots$
3. $1, 3, 9, 27, \dots$	4. $-4, 12, -36, 108, \dots$
5. $-2, 4, -8, 16, \dots$	6. $-1, 3, -9, 27, \dots$
7. $3, -18, 108, -648, \dots$	8. $1, -2, 4, -8, \dots$
9. $3, 12, 48, 192, \dots$	10. $4, 7, 12, 19, \dots$

11. $-4, -24, -144, -864, \dots$	12. $1, 9, 25, 49, \dots$
13. $-2, -4, -8, -16, \dots$	14. $2, 10, 50, 250, \dots$
15. $2, 4, 8, 16, \dots$	16. $-4, 24, -144, 864, \dots$
17. $3, 6, 12, 24, \dots$	18. $-30, -14, -6, -2, \dots$
19. $1, 5, 25, 125, \dots$	20. $1, -6, 36, -216, \dots$