

**Introduction to Geometric Sequences – Day 2**  
Unit 7: Representations of Exponential Relations

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

1. 1, 5, 25, 125, ...	2. 4, 16, 64, 256, ...
3. -1, -3, -9, -27, ...	4. -4, -8, -16, -32, ...
5. -1, -4, -16, -64, ...	6. 4, 16, 36, 64, ...
7. -1, -2, -4, -8, ...	8. -1, 4, -16, 64, ...
9. -2, -8, -32, -128, ...	10. 1, 6, 36, 216, ...

11. $4, -20, 100, -500, \dots$	12. $-3, -12, -48, -192, \dots$
13. $2, -10, 50, -250, \dots$	14. $-1, 2, 7, 14, \dots$
15. $4, 8, 16, 32, \dots$	16. $4, 20, 100, 500, \dots$
17. $-4, 16, -64, 256, \dots$	18. $-3, 12, -48, 192, \dots$
19. $-1, 5, -25, 125, \dots$	20. $4, -16, 64, -256, \dots$