

Explicit Formula

Unit 7: Representations of Exponential Relations

Find the explicit formula.

1. 3, 15, 75, 375, ...	2. 3, -18, 108, -648, ...
3. -1, -5, -25, -125, ...	4. 3, 6, 12, 24, ...
5. -2, -4, -8, -16, ...	6. 4, 8, 16, 32, ...
7. -1, -6, -36, -216, ...	8. 4, -8, 16, -32, ...
9. $-\frac{2}{3}, \frac{1}{3}, -\frac{1}{6}, \frac{1}{12}, \dots$	10. 1.5, 3, 6, 12, ...

11. $-3, -6, -12, -24, \dots$	12. $1, -3, 9, -27, \dots$
13. $3, \frac{3}{2}, \frac{3}{4}, \frac{3}{8}, \dots$	14. $2, 10, 50, 250, \dots$
15. $-2, -10, -50, -250, \dots$	16. $0.5, -2, 8, -32, \dots$
17. $1, 6, 36, 216, \dots$	18. $-3, -9, -27, -81, \dots$
19. $-4, -20, -100, -500, \dots$	20. $80, -40, 20, -10, \dots$