

Name _____

Find the explicit formula AND recursive formula for each sequence. You may use subscript notation OR function notation.

1. 1, 10, 20, 30...

2. 1600, 400, 100, 25...

3. 11, 33, 55, 77...

4. 0, 8, 16, 24...

5. 3, 9, 27, 81

6. 60, 12, 2.4, .48

7. The recursive formula for a sequence is $f(1) = 10$; $f(n) = 2 \cdot f(n - 1) + 6$. Find $f(4)$.

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