Name : _____

General Sequence

Write the sequence using recursive formula.

1) $a_n = a_{n-1} + n^2 + 2$; $a_1 = 6$

2) $a_n = 2(a_{n-1} + 4)$; $a_1 = 0.2$

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3) $a_n = a_{n-1} \cdot 12$;

$a_1 = 2$

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5) $a_n = a_{n-1} \cdot \dfrac{2^n}{2}$;

$a_1 = 3$

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7) $a_n = n^2 \cdot a_{n-1}$;

a_{n-1} ; $a_1 = 4$

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9) $a_n = 2 \cdot (a_{n-1} + a_{n-2})$; $a_1 = 7$; $a_2 = 10$

10) $a_n = a_{n-1} \cdot \dfrac{1}{2}$; $a_1 = -8$

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