Name : _____

General Sequence

Write the sequence using recursive formula.

1) $a_n = a_{n-1} - 0.3 \; ; \; a_1 = 3$

2) $a_n = \sqrt{2} \cdot a_{n-1} \; ; \; a_1 = -13$

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3) $a_n = a_{n-1} + 7n \; ;$

$_1 = -15$

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5) $a_n = (n^2 - 1) + a$

$_1 = 2$

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7) $a_n = a_{n-1} \cdot -0.4$

$a_1 = 12$

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9) $a_n = a_{n-1} \cdot (3n - 2) \; ; \; a_1 = 6$

10) $a_n = a_{n-1} \cdot \left(\dfrac{1+n}{2n} \right) \; ; \; a_1 = -4$

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