

Arithmetic Series Practice

Given the function/explicit rule complete the table for $x = 0, 1, 2, 3, 4$

1. $f(x) = -3x + 5$

2. $f(x) = 8x - 40$

3. $f(x) = -2x - 12$

4. $f(x) = 10x + 5$

Given the recursive rule, write the first 5 terms

1. $a_{n+1} = a_n + 2$ $a_0 = -6$

2. $a_{n+1} = a_n - 6$ $a_0 = 20$

3. $a_n = a_{n+1} + 4$ $a_1 = 2$

4. $a_n = a_{n-1} - 7$ $a_1 = -5$