

NAME: _____

1. Write a formula for each sequence using n (term number) then find the 50th term.

a) 25, 34, 43, 52, 61, ...

b) 6, 24, 96, 384, 1536, ...

Formula:

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50th Term =

50th Term =

2. Use the given data to write the indicated equation. Show your work.

a) Write a Linear Equation

(Slope-Intercept Form).

X	Y
4	1
7	-11
12	-31
19	-59

EQ:

b) Write an Exponential Equation.

in $y = a \cdot b^x$ form.

X	Y
2	99
4	891
7	24057
11	1948617

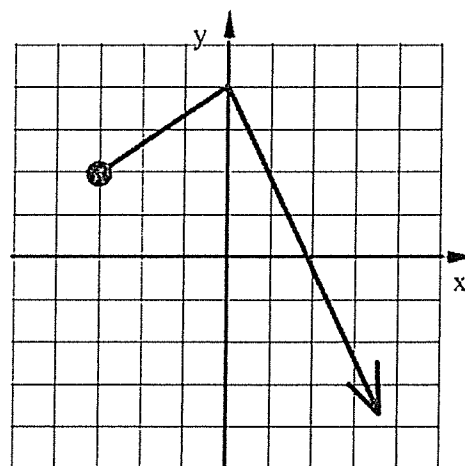
EQ:

State the domain and range of each relation.

3. Use this set of points:

$(5, -8), (1, -1), (-3, 6), (0, -1), (1, 2)$

4. Use this graph:



Domain:

Range:

Domain:

Range: