

Lesson 6.1 + 5.3 WS

Write both explicit rules for each sequence. Explicit rule  $f(n) = dn + f(0)$ ;  $f(n) = d(n - 1) + f(1)$ .

- 1) 7, 10, 13, 16, ...
- 2) 34, 30, 26, 22, ...

Write a recursive rule for each sequence. Recursive rule  $f(1) = \#$ ;  $f(n) = d + f(n - 1)$

- 3) 10, 15, 20, 25, ...
- 4) 13, 10, 7, 4, ...

Graph the equations. Use a table to help you.

- 5)  $y = 2x + 1$
- 6)  $y = -2$

Write the domain for the graphs below.

