

Pattern Analysis

Tile Pattern #1

(x, y)

Figure #	0	1	2	3	4
# of Tiles	2	6	10	14	18

100
402

$+4$ $+4$ $+4$ $+4$

Rule

$$y = 4x + 2$$

Tile Pattern #2

Figure #	0	1	2	3	4
# of Tiles	1	5	9	13	17

100
401

$+4$ $+4$ $+4$ $+4$

$$y = 4x + 1$$

Tile Pattern #3

Figure #	0	1	2	3	4
# of Tiles	3	7	11	15	19

100
403

$+4$ $+4$ $+4$ $+4$

$$y = 4x + 3$$

Tile Pattern #4

Figure #	0	1	2	3	4
# of Tiles	3	5	7	9	11

100
203

$+2$ $+2$ $+2$ $+2$

$$y = 2x + 3$$

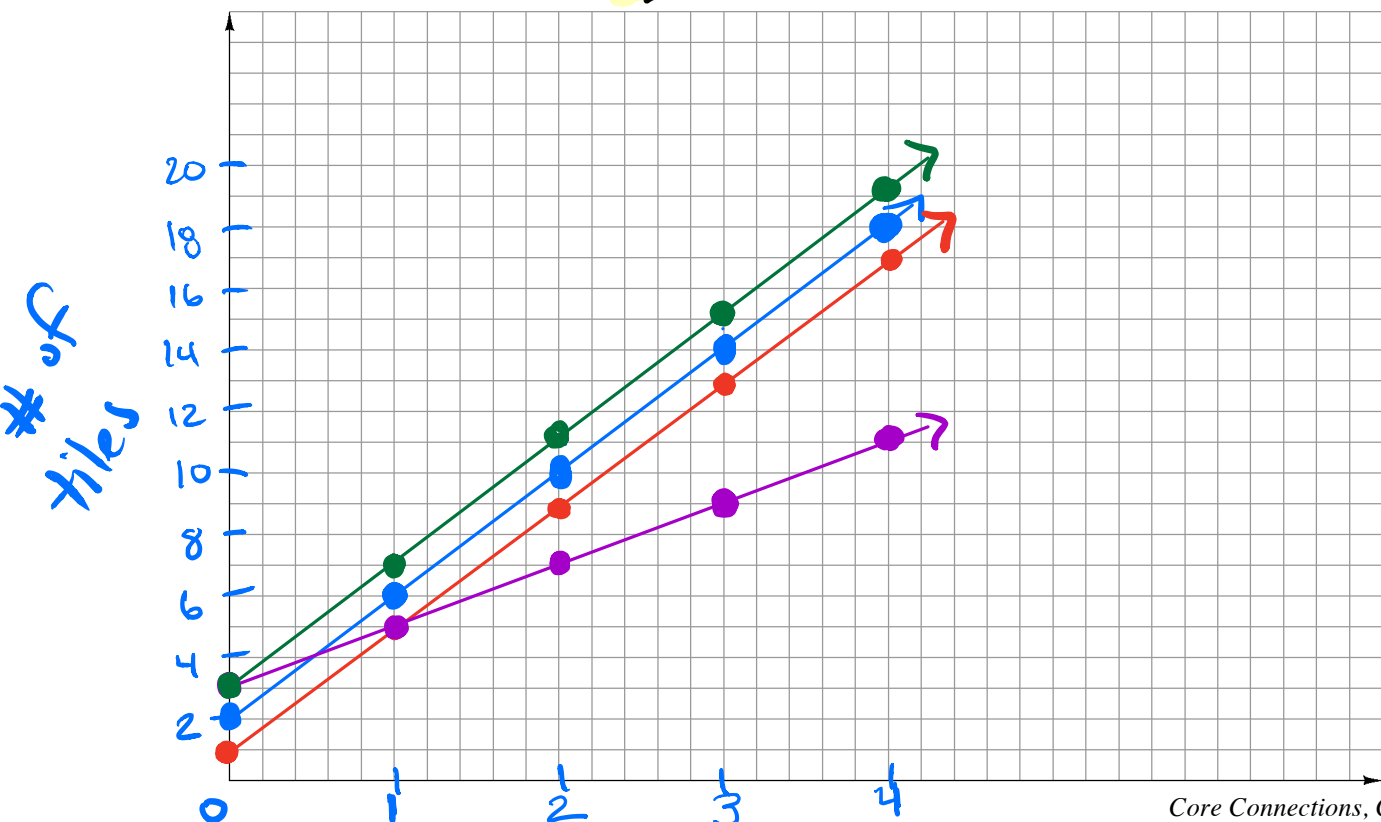


Figure #

