

Date:

proportional

Complete figures 0 and 1 below:

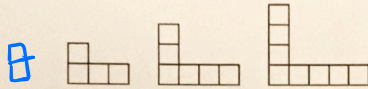


Fig 0 Fig 1 Fig 2 Fig 3 Fig 4

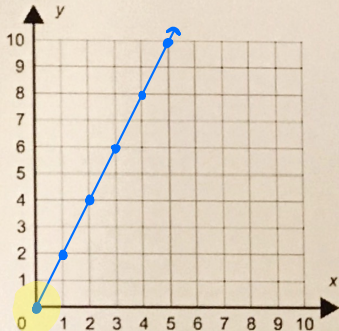
Complete the table below:

Fig #	0	1	2	3	4	5	6
# tiles	0	2	4	6	8	10	12

Can you multiply the number of tiles in figure 3 times 2 to get the number of tiles in figure 6? (check it by continuing the pattern)

yes!  $6 \cdot 2 = 12$

Make a graph of the figure # and # of tiles:



What do you notice about where the graph starts?

starts @ the origin (0,0)

Topic # 7

Non-Proportional

Complete figures 0 and 1 below:



Fig 0 Fig 1 Fig 2 Fig 3 Fig 4

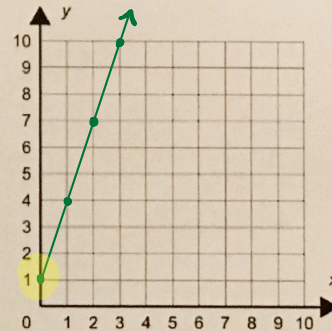
Complete the table below:

Fig #	0	1	2	3	4	5	6
# tiles	1	4	7	10	13	16	19

Can you multiply the number of tiles in figure 3 times 2 to get the number of tiles in figure 6? (check it by continuing the pattern)

no!  $10 \cdot 2 \neq 19$

Make a graph of the figure # and # of tiles:



What do you notice about where the graph starts?

starts @ point (0,1)