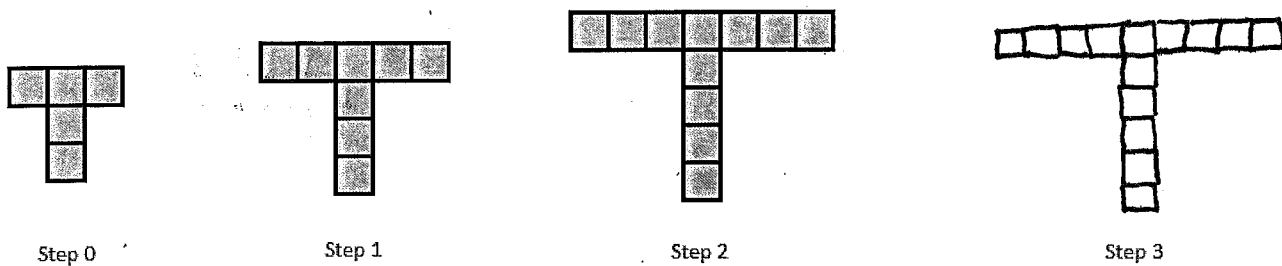


1. Analyze the pattern below and ~~show the~~ draw a picture of what Step 3 would look like.



2. Create a table with Steps 0 – 4 that relates step number (x) to the number of little squares in the figure (y).

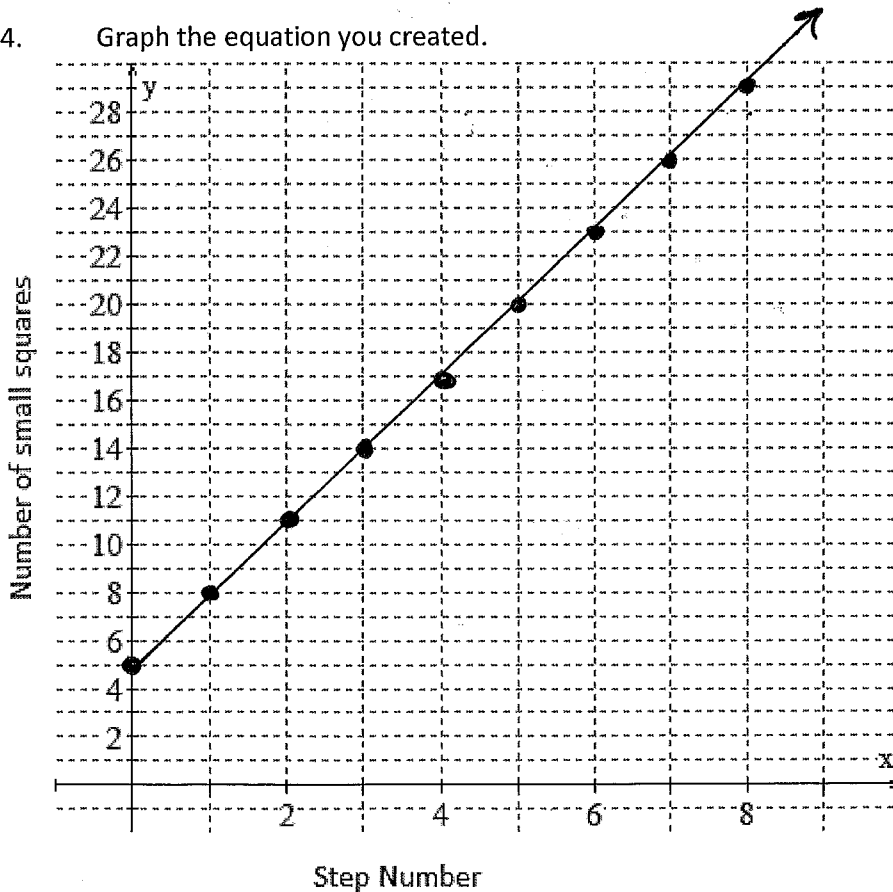
STEP # (x)	# OF SQUARES (y)
0	5
1	8
2	11
3	14
4	17

(0, 5)

3. Create a linear equation that relates step number (x) to the number of little squares in the figure (y).

$$y = 3x + 5$$

4. Graph the equation you created.



$$\frac{+3}{+1} = 3$$

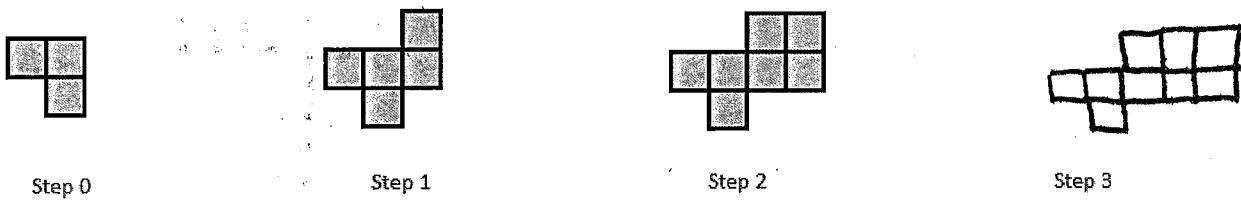
$$y = 3x + 5$$

$$y = 3(78) + 5$$

$$y = 234 + 5$$

$$y = 239$$

5. Analyze the pattern below and ~~answer the~~ draw a picture of what Step 3 would look like.



6. Create a table that relates step number (x) to the number of little squares in the figure (y).

STEP # (x)	# OF SQUARES (y)
0	3
1	5
2	7
3	9
4	11

7. Create a linear equation that relates step number (x) to the number of little squares in the figure (y).

$$y = 2x + 3$$

8. Graph the equation you created.

