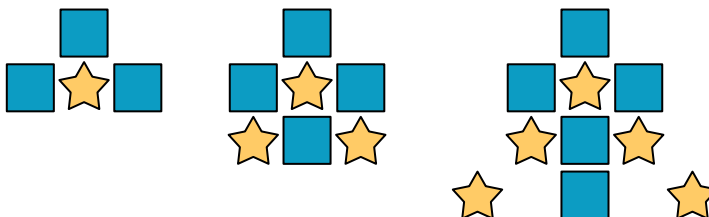




Name _____

Date _____

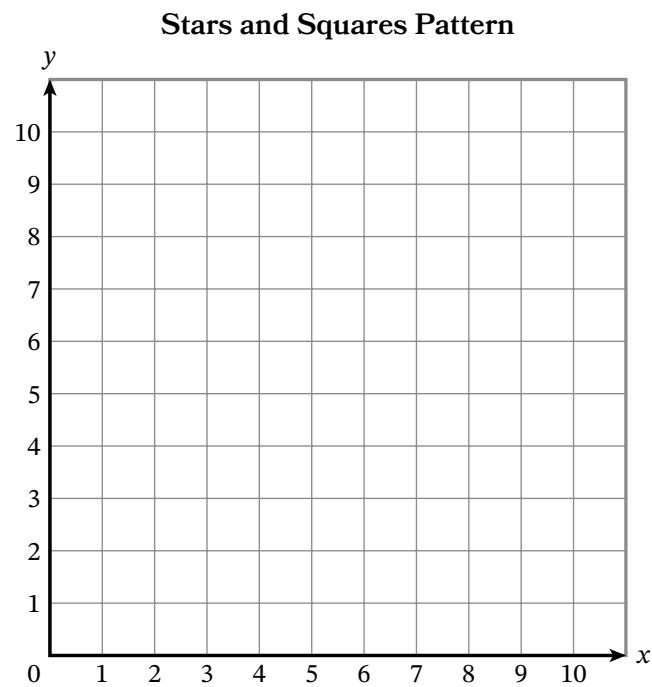
The first three steps in a pattern of stars and squares are shown.



- a. The table represents the number of stars and squares in each step. Complete the table where x represents the number of stars and y represents the number of squares in each step.

Number of Stars	Number of Squares	Ordered Pair
1	3	(1, 3)

- b. Use the coordinate plane to plot the ordered pairs from part (a). Label the axes.



- c. Describe the pattern for the number of stars.
- d. Describe the pattern for the number of squares.
- e. How many stars and squares would be in the fifth step of the pattern?