

Challenge:

1. Look at the pattern below. Draw figure 4 and fill out the table.

Figure 1

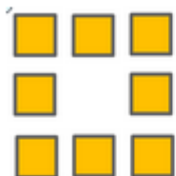


Figure 2

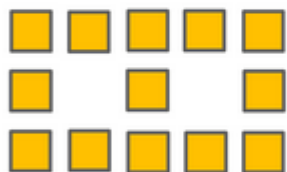


Figure 3:



Figure 4:

Figure Number (x)	Number of squares used (y)
1	
2	
3	
4	

Write an equation to show the relationship between figure number and number of squares.

How many squares will be used in the 20th figure?