Super Bowl Party Activity   Name_____

On Super Bowl Sunday, you are at home with 3 of your family members to watch the big game.

Suddenly, the doorbell rings and five of your friends appear at the door (because they heard that you had ordered pizza). Of course you invite them inside.

Just as you sit down to watch the game, the doorbell rings again. Five more friends appear at your door to join you in watching the big game (because you just bought a big screen TV).
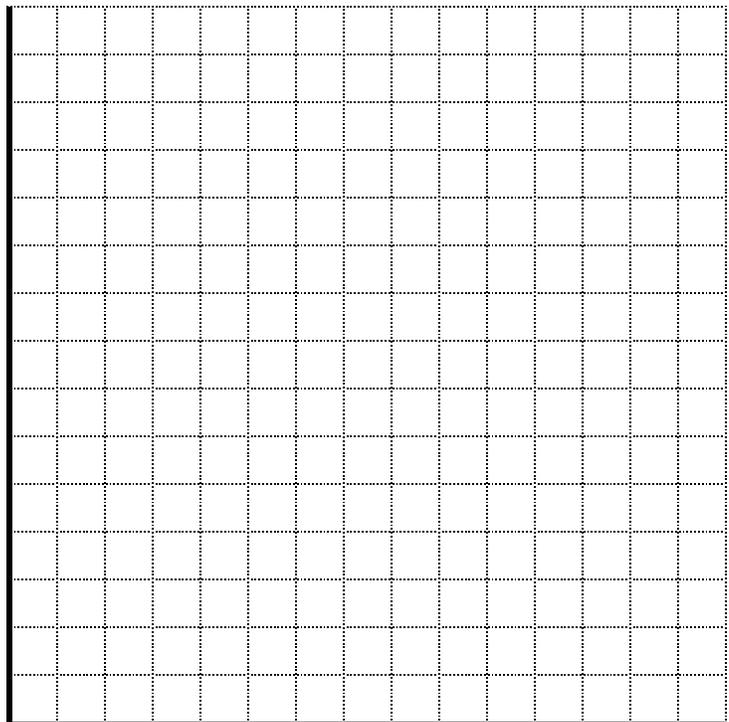
So, you sit down to watch the game and the doorbell rings again. Yup, you guessed it. Five more friends show up to join you for the game.

This keeps going on for a long time and you manage to count that the doorbell rang a total of 8 times.

So, you wonder, how many total number of people are in your house after the doorbell rang 8 times?

Use the space below to illustrate the number of people you think are in your house after the door bell rang 8 times. Then complete the table and the graph.

# Doorbell	# People
0	
1	
2	
3	
4	
5	
6	
7	
8	

Suppose the doorbell rang 20 times, how many people would be in your house? How do you know?