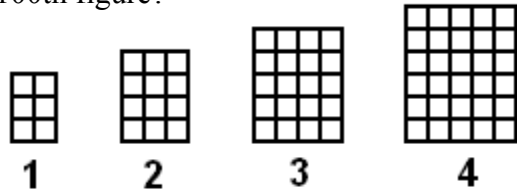


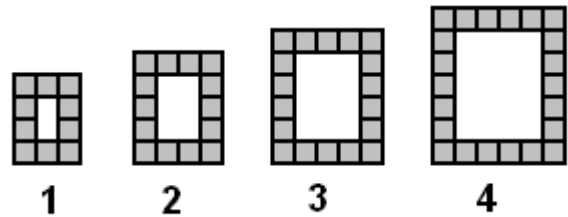
CP Geometry
Extensions of Skeleton Tower

Name: _____

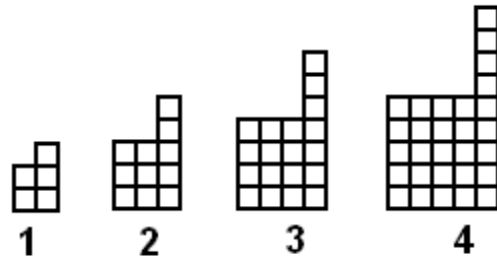
1.) How many unit squares would you expect to see in the 100th figure?



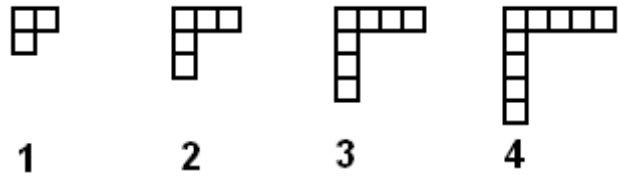
2.) How many shaded unit squares would you expect to see in the 100th figure?



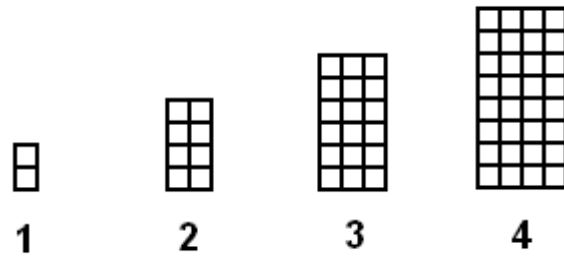
3.) How many unit squares would you expect to see in the 100th figure?



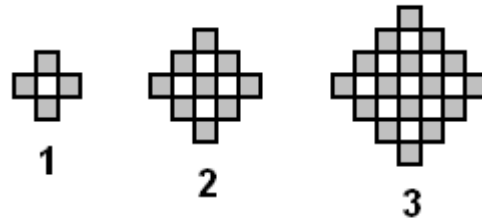
- 4.) How many unit squares would you expect to see in the 100th figure?



- 5.) How many unit squares would you expect to see in the 100th figure?



- 6.) How many shaded unit squares would you expect to see in the 100th figure?



- 7.) Find a general rule, ($a_n = ?$) for the number of unit squares in the n^{th} figure and use it to find the number of unit squares in the 10th figure.

