

# Welcome Students!!

Please find your assigned seat from the diagram below. Assigned seats help me learn your names much more quickly. :)

## Period A5



*rows*

*lockers*

Mrs. Hansen's desk

Back of Room

# Questionnaire

Please fill out this questionnaire thoughtfully and honestly. This will help me, Mrs. Hansen, get to know you better. :)

# Disclosure & Remind

## Staircase Towers

SM2

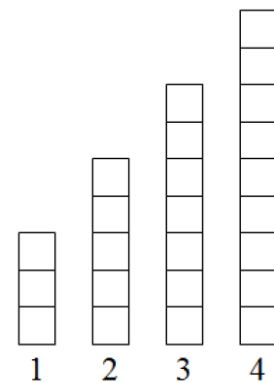
Below is a staircase tower that is made by starting with 3 cubes and adding two cubes to get each successive tower.

How many cubes will be in the 10<sup>th</sup> tower?

How many cubes will be in the n<sup>th</sup> tower?

any # tower

How do you know?



\*Make a poster of your groups answers and thinking. Link the diagram to your rule or formula to determine the number of cubes in the n<sup>th</sup> tower. Be ready to explain your group's thinking to the class!