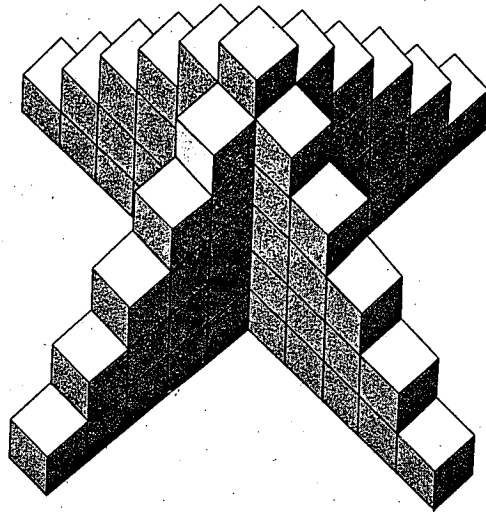


# Condo Challenge

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Building planners are designing a new condominium. They are not sure yet how tall they want the building to be.

1. How many cubes are needed to build this 6-high model of Clearview Condos?
2. How many cubes would be needed to build a 12-high model?
3. Explain how you got your answer for Question #2.
4. How many cubes would be needed to build a model of any height? Explain your thinking and make a rule, using a variable if possible.
5. How could your findings help the builders of Clearview Condos?