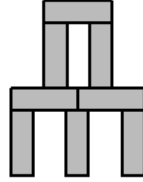# Domino towers

This task is about completing a pattern and writing a rule to describe the pattern.

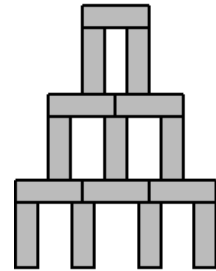Courtney built towers of different heights out of dominoes.

The 1-storey-high tower used 3 dominoes.

The 2-storey-high tower used 8 dominoes.

The 3-storey-high tower used 15 dominoes.

a) Complete this table.

Storeys High (s)	1	2	3	4	5	6
Number of Dominoes (n)	3	8	15			

b) Write an equation describing the number of dominoes, 'n', needed to build a tower 's' storeys high.

$n =$

c) How many dominoes does Courtney need to build a tower 98 storeys high?