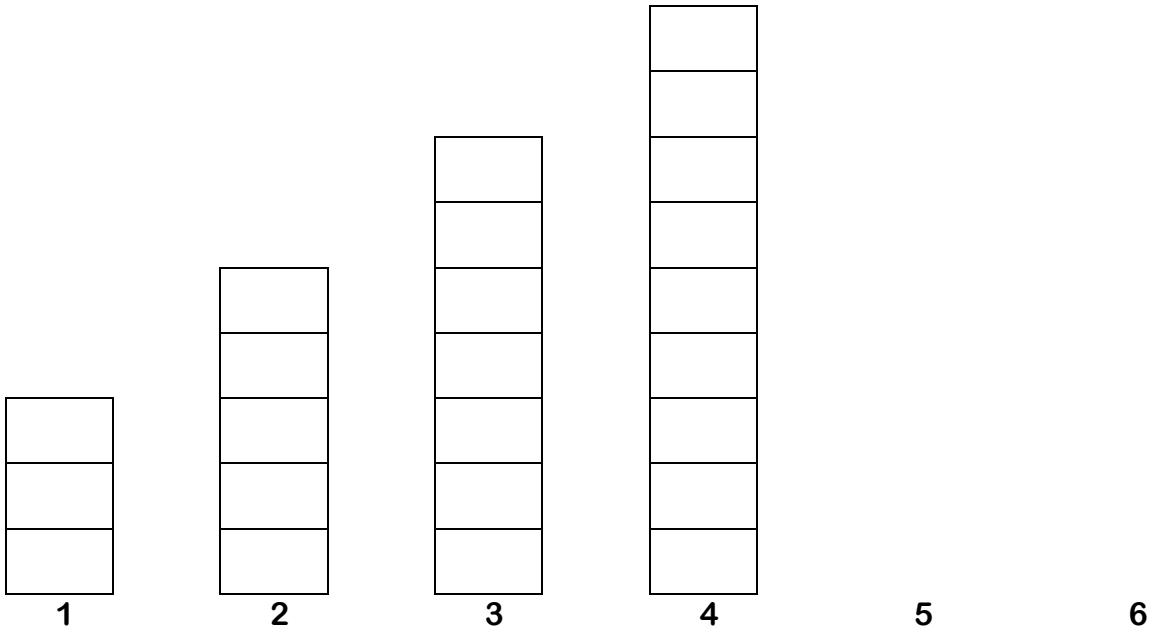


Towers



Using the cubes provided, build these four towers and the next two towers.

Without building them all, how many cubes would be needed to build the tenth tower?

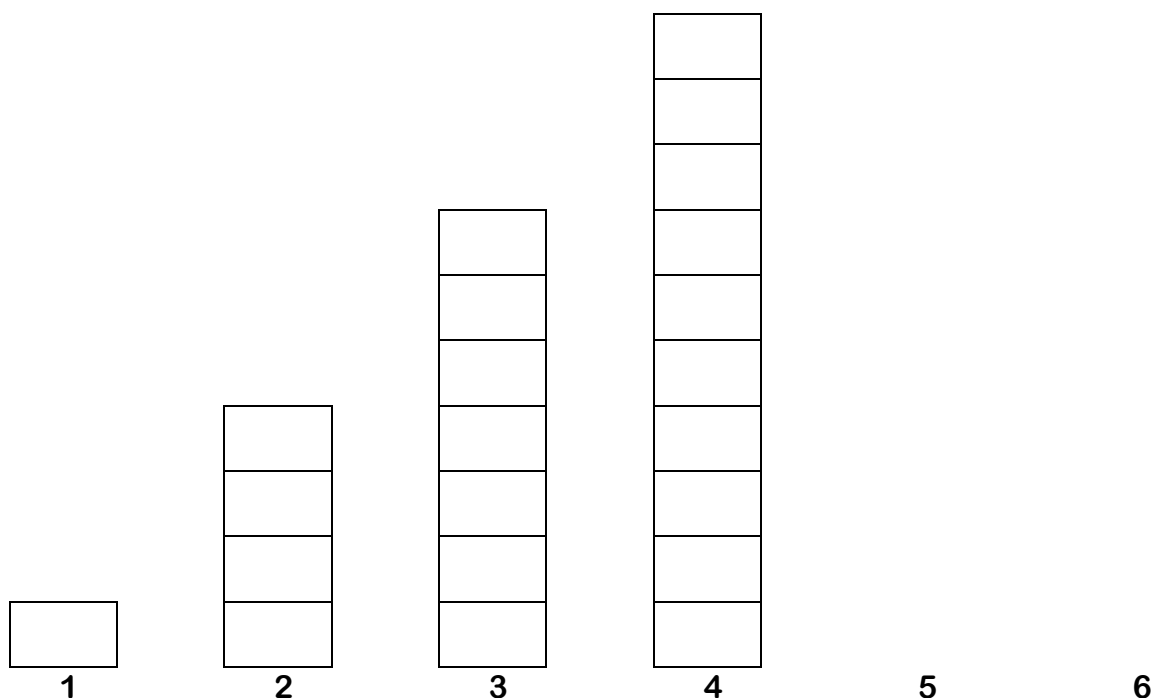
How many cubes are needed to build the zeroth tower?

What is the general rule for number of cubes needed to build a tower?

If you start with the zeroth tower, how many more cubes would you need to build the third tower?

How many cubes would be in the eighth tower?

Towers



Using the cubes provided, build these four towers and the next two towers.

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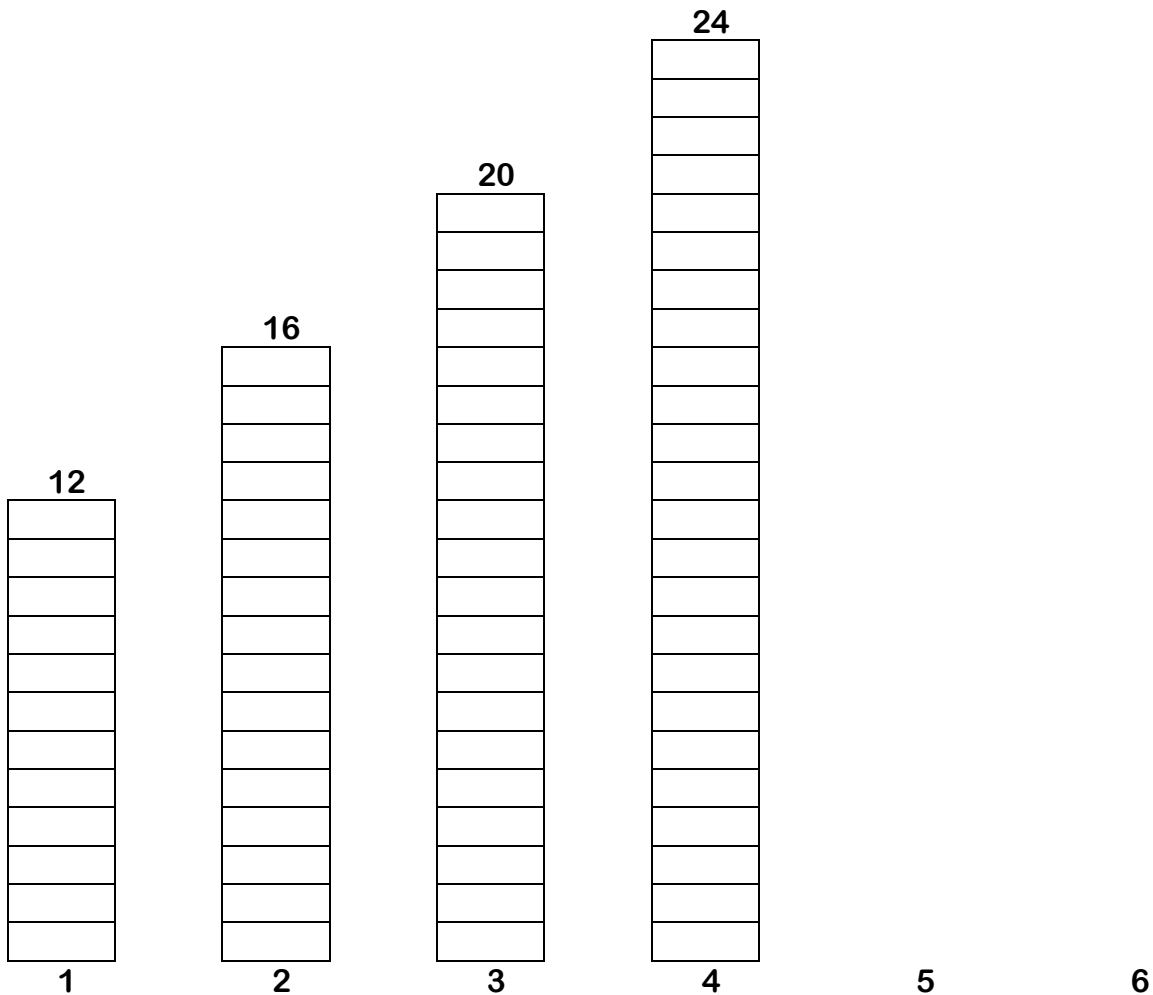
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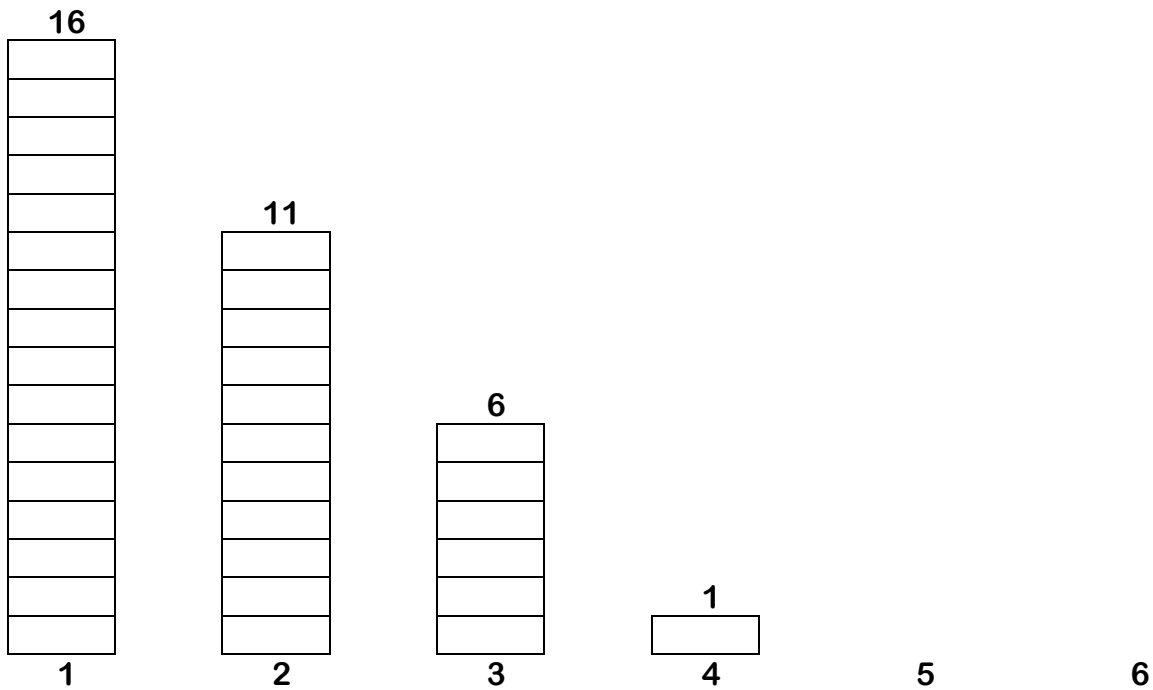
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Towers



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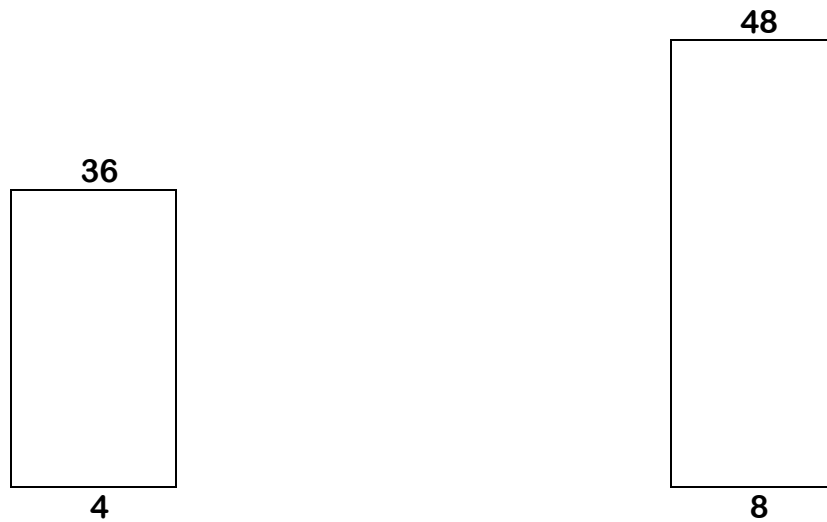
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Towers

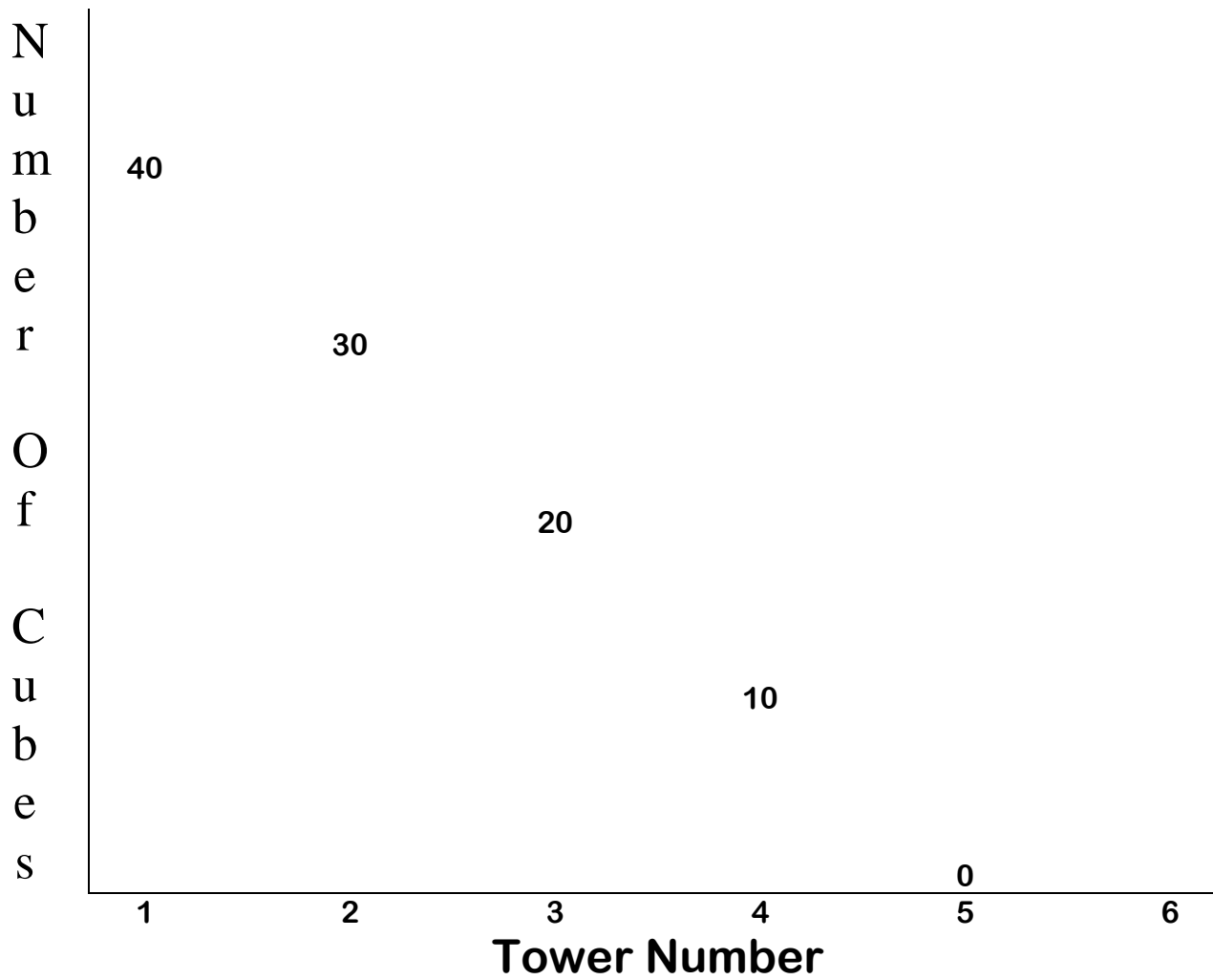


What is the height of the fifth building?

Explain your reasoning.

What is the general rule for number of cubes needed to build a tower?

Towers



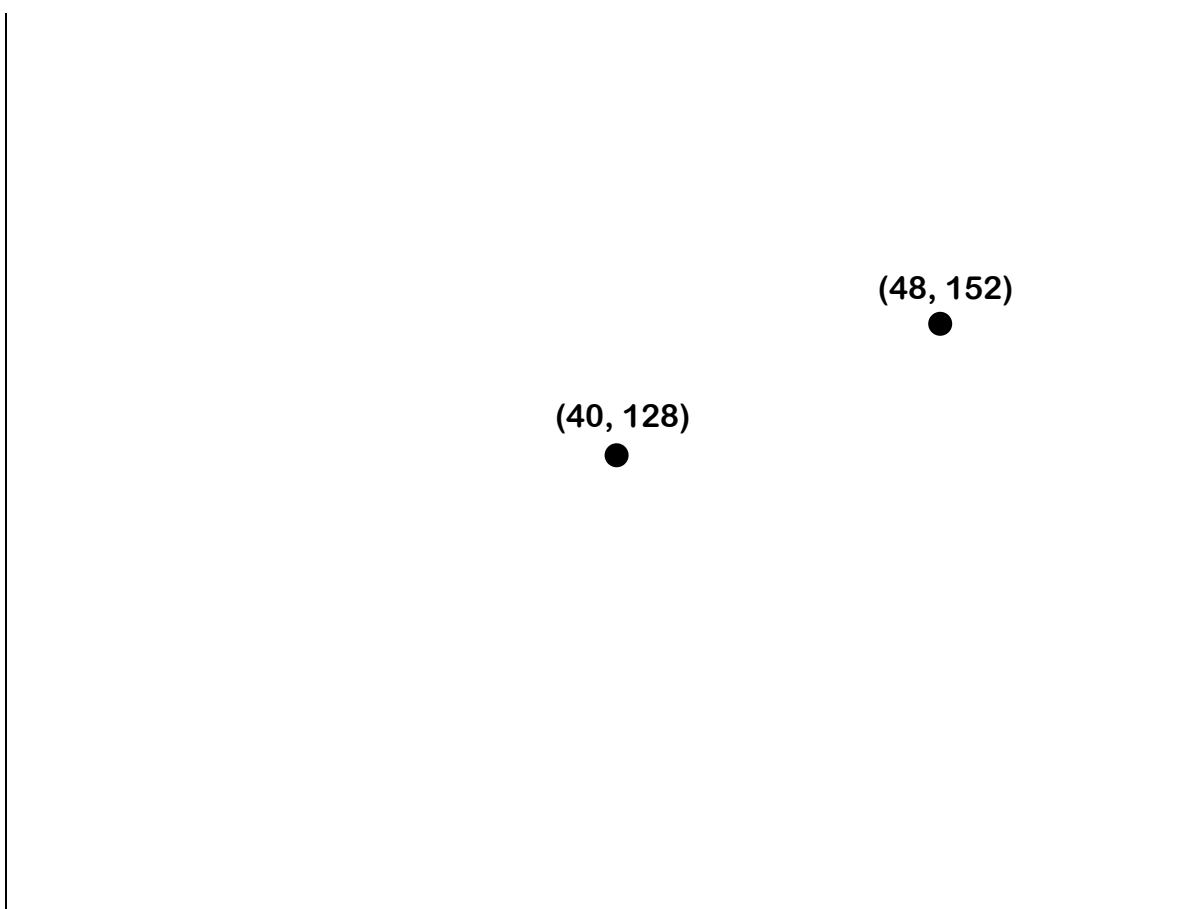
How do we find a formula to relate the number of cubes and the tower number?

Towers

N
u
m
b
e
r

O
f

C
u
b
e
s



Tower Number

What is the general relationship?