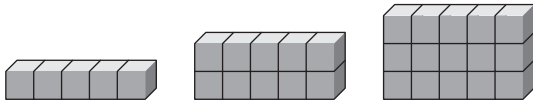


# Geometric Patterns

Draw the next two figures in the pattern.  
Find the missing numbers in each table.

1.

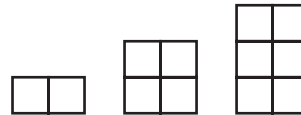
<b>Number of Stories</b>	1	2	3	4	5
<b>Number of Blocks</b>	5	10	15		



\_\_\_\_\_

2.

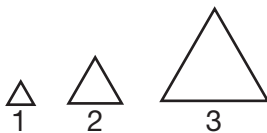
<b>Number of Stories</b>	1	2	3	4	5
<b>Number of Blocks</b>	2	4	6		



\_\_\_\_\_

3.

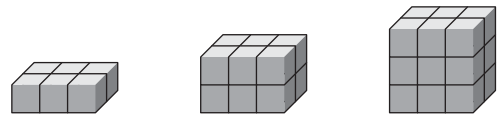
<b>Length of Each Side</b>	1	2	3	4	5
<b>Sum of All Sides</b>	3	6	9		



\_\_\_\_\_

4.

<b>Number of Stories</b>	1	2	3	4	5
<b>Number of Blocks</b>	6	12	18		



\_\_\_\_\_

5. **Explain It** Use Exercise 4. How could you find how many blocks there were in 20 stories? How many blocks would there be?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Which is a rule for the table below?

<b>In</b>	3	9	4	7
<b>Out</b>	7	13	8	11

- A Add 4
- B Multiply 2
- C Multiply 4
- D Add 5