Favorite Shells

Laura looks for her favorite shells on the beach every morning.   The first day, she finds 3 shells. The next day, she finds 8 shells. On the third day, she finds 13 shells in the cove. On the fourth day, she finds 18 shells as she walks by the water. If Laura keeps finding shells in this way, how many will she find on the eighth day?

Explain how you got your answer and how you know your answer is correct.

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Day	Number of shells
1	3
2	8
3	13
4	18
5	23
6	28
7	33
8	38

+5
+5
+5
+5
+5
+5
+5

ANSWER: Each day Laura finds 5 more shells than she did the day before. I made a table showing the day and the number of shells Laura found. The rule for this table is +5. If you keep adding +5 until you get to the 8th day, you will find out that Laura found 38 shells on the 8th day.