

- 7. A.** Maya and Jacob were getting ready to play Fill it First. This time they will record the total volume of the water and marbles for each turn. Each made a table and wrote a rule for what they thought would happen with their marbles. Complete each table using the rule.

Table A

<i>N</i> Number of Marbles	<i>T</i> Total Volume (cc)
0	50
1	
2	
5	
10	
<i>N</i>	$N \times 3 + 50$

Table B

<i>N</i> Number of Marbles	<i>T</i> Total Volume (cc)
0	50
1	
3	
5	
10	
<i>N</i>	$N \times 5 + 50$

- B.** Maya is using larger marbles than Jacob. Which table is Maya's? Show or tell how you know.
- C.** Look at each rule. Circle the part of the rule that shows the size of the marble.

$$T = N \times 3 + 50$$

$$T = N \times 5 + 50$$

- D.** What does the 50 mean in each rule?

- E.** Write Maya's rule in words.

