STUDY LINK 10·3 | **Writing Algebraic Expressions**

Complete each statement below with an algebraic expression, using the suggested variable.

SRB
218 231
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1. Lamont, Augusto, and Mario grow carrots in three garden plots. Augusto harvests two times as many carrots as the total number of carrots that Lamont and Mario harvest. So Augusto harvests

_____ carrots.

Augusto

Lamont and Mario harvested $L + M$ carrots.

2. Rhasheema and Alexis have a lemonade stand at their school fair. They promise to donate one-fourth of the remaining money (m) after they repay the school for lemons (l) and sugar (s). So the girls donate

_____ dollars.

3. a. State in words the rule for the "What's My Rule?" table at the right.

_____

_____

b. Circle the number sentence that describes the rule.

$Q = (3 + N) * 5$ $Q = 3 * (N + 5)$ $Q = 3N + 5$

N	Q
2	11
4	17
6	23
8	29
10	35

4. a. State in words the rule for the "What's My Rule?" table at the right.

_____

_____

b. Circle the number sentence that describes the rule.

$R = E * 6 * 15$ $R = (E * 6) + 15$ $R = E * 15 + 6$

E	R
7	57
10	75
31	201
3	33
108	663

Practice

5. $384 * 1.5 =$ _____

6. $50.3 * 89 =$ _____

7. $\frac{843}{7} =$ _____

8. $70.4 / 8 =$ _____

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