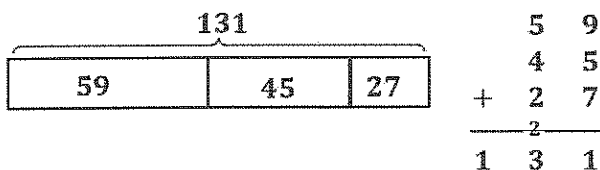


G4-M3-Lesson 12

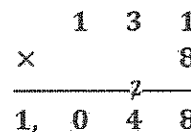
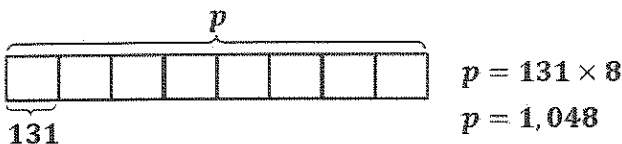
Use the RDW process to solve the following problem.

1. The table shows the cost of bake sale goods. Milan's mom buys 1 brownie, 1 cookie, and 1 slice of cake for each of her 8 children. How much does she spend?

Baked Good	Cost
brownie	59¢
slice of cake	45¢
cookie	27¢

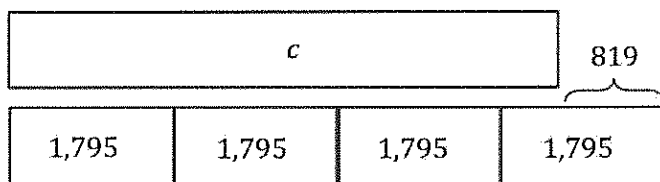


I add and then multiply to solve.



Milan's mom spends 1,048¢.

2. a. Write an equation that could be used to find the value of c in the tape diagram.



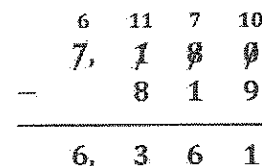
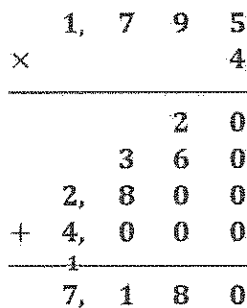
I thought of two other equations:
 $c + 819 = 4 \times 1,795$
 or
 $c = (3 \times 1,795) + (1,795 - 819)$.

$c = 4 \times 1,795 - 819$

- b. Write your own word problem to correspond to the tape diagram, and then solve.

Every month, Katrina earns \$1,795.
 Kelly earns 4 times as much as
 Katrina earns. Mary earns \$819
 less than Kelly. How much does
 Mary earn each month?

$M = (4 \times 1,795) - 819$
 $M = 7,180 - 819$
 $M = 6,361$



I use the partial products method to make sure I record the products of each unit.

Mary earns \$6,361 each month.