Name: _____   Date: _____

Multiply by 1-Digit Numbers – III

1. **A home builder is selling new homes at a price of $549,381 each. The size of the home is 3,150 square feet. If the builder sold 9 homes in the month of June, 2014 and cost of building a single home is $395,150, how much profit the builder made in the month of June, 2014?**

   Solution:

2. **Jerry wrote an equation as follows:**

   8 × 3,550 = 8 × 3500 + 8 × 500 + 8 × 5

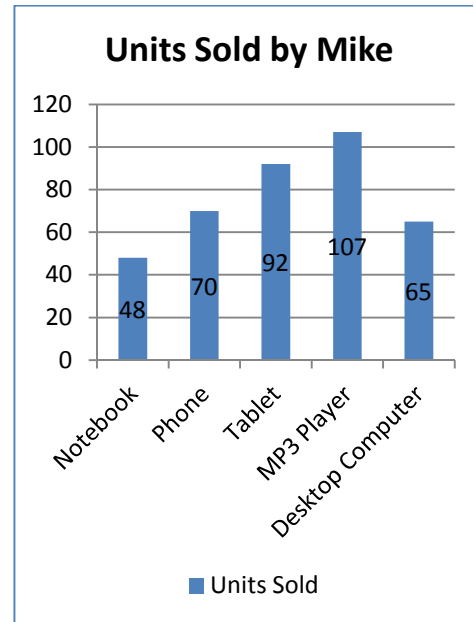   **Explain his error. Write the equation correctly.**

   Solution:

3. **The magazine "NewsMakers" sold 89,712 copies of its weekly issue last week. If a single copy costs $8, how much revenue does the magazine collected last week? If the price of a single issue is raised by one dollar, how much more revenue will it add?**

   Solution:

4. **Mike is a sales representative in a store that sells electronic goods. The chart on your rights represents Mike's sales performance in last 3 months. Mike is paid $7 as commission for each phone, tablet, or MP3 player that he sells and $9 for each notebook or desktop computer. Use the information to solve the following problems.**

   a. **How much money does Mike make in commissions by selling notebooks and desktop computers?**

   b. **How much more money does Mike get in commissions by selling phones and tablets?**

   c. **How much money in total did Mike make in the last three months as commission?**

   d. **Did Mike make more money by selling items that fetch him $7 as commission or by selling items that fetch him $9 as commission?**

   Units Sold by Mike

Notebook	Phone	Tablet	MP3 Player	Desktop Computer
48	70	92	107	65

   ■ Units Sold

   Solution:
   a.   b.   c.   d.