



Chapter 4 Study Guide

Name: _____



Part 1: Solve.

a. $40 * 30 =$ _____

b. $60 * 50 =$ _____

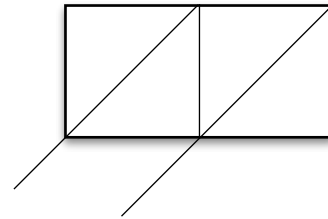
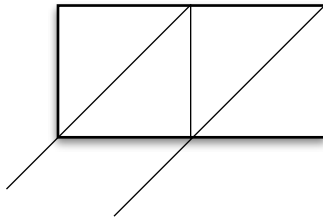
c. $700 * 5 =$ _____

d. $8,000 * 2 =$ _____

Part 2: Use partial-products multiplication or the lattice method to solve

a.
$$\begin{array}{r} 34 \\ \times 5 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 54 \\ \times 6 \\ \hline \end{array}$$



Part 3: Connor, Riley, and Ian drive together from their home to visit their aunt. Ian drives for 37 miles, and Connor drives two times as far as Ian. Then Riley drives twice as far as Ian and Connor combined, which get them to their aunt's house. How far did Riley drive?

Estimate: _____
Number models with unknowns: _____

Answer: _____ miles
Is your answer reasonable? Explain.

Part 4: Find the number of milliliters.

Liters (L)	Milliliters (mL)
2	
4	
6	
15	

Explain how you found how many milliliters are in 6 liters. _____

Part 5: Find the number of grams.

Kilograms (kg)	Grams (g)
3	
7	
12	
21	

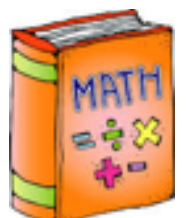
Explain how you found how many grams are in 7 kilograms. _____

Part 6: Aidan is buying a TV for \$687. He paid for the TV using 5 \$100 bills, fifteen \$10 bills, and forty \$1 bills. How much did Aidan pay?

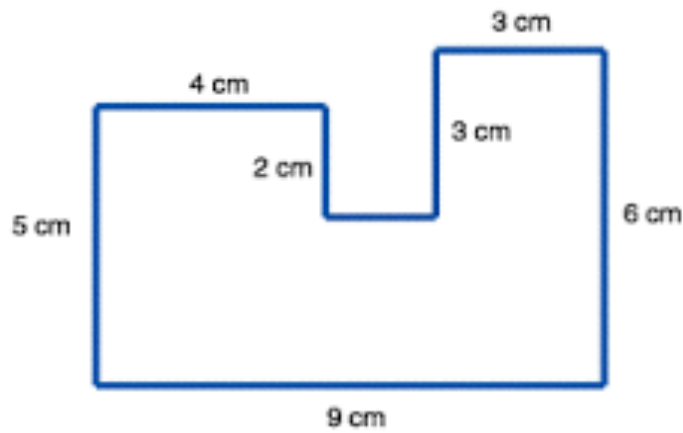
a. Write number models to show your thinking.

b. Did he pay the exact amount, too little, or too much?

Explain.



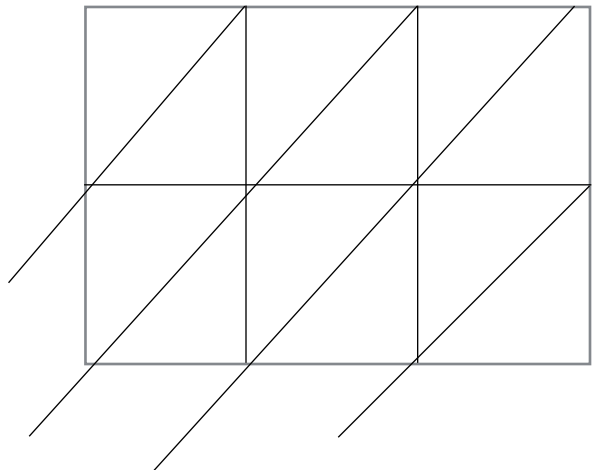
Part 7: Find the area and perimeter of the shape below.



a. Area: _____ square centimeters

b. Perimeter: _____ centimeters

Part 8: Use partial products or lattice multiplication to solve the following problem.



456
x32