

NAME

DATE

TIME

Lesson 4-14 

Unit 4 Self Assessment

1

Solve the extended multiplication facts.

- | | | |
|--|--|--|
| a. $\underline{\quad} \times 8 = 40$ | $8 \times \underline{\quad} = 56$ | $9 \times 4 = \underline{\quad}$ |
| b. $40 \times \underline{\quad} = 160$ | $\underline{\quad} = 9 \times 50$ | $60 \times 8 = \underline{\quad}$ |
| c. $200 \times 60 = \underline{\quad}$ | $\underline{\quad} \times 90 = 6,300$ | $80 \times 500 = \underline{\quad}$ |
| d. $2,000 \times \underline{\quad} = 10,000$ | $40 \times \underline{\quad} = 20,000$ | $\underline{\quad} \times 500 = 400,000$ |

2

Multiply using partial products or the lattice method.

$$\begin{array}{r} 47 \\ * 6 \\ \hline \end{array}$$

$$\begin{array}{r} 635 \\ * 9 \\ \hline \end{array}$$

3

Estimate. Then Solve.

Aliya buys 4 cartons of eggs each month. Each carton contains one dozen eggs. How many eggs does Aliya buy in two years?

Estimate:

Number models with unknowns:

Answer: $\underline{\quad}$ eggs

Does your answer make sense? Explain.

4

Convert.

Liters (L)	Milliliters (mL)
1	1,000
3	
	5,000
10	
	14,000
22	

Explain how you found how many milliliters are in 10 liters.

5

Convert

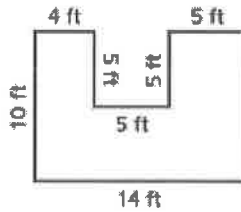
Kilograms (kg)	Grams (g)
5	5,000
9	
	12,000
18	
22	
	28,000

Explain how you found how many grams are in 9 kilograms.

6

Study the figure below. It is a plan for the new computer lab at Pond Cove School. The school's principal needs to determine how much carpet will be needed to cover the floor.

- a. Find the area of the room. Show your work below.



Equations:

Answer: square feet

- b. Find the perimeter. Show your work below.

Equation:

Answer: feet