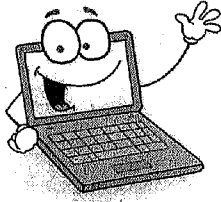Name: _____

Check Me Out!

Want a quick review? Check out this week's (or previous week's) tutorials at mcdbsesmath.weebly/homework.html

This week's topics: comparing with multiplication and using an area model/grid model to multiply.

Emily just celebrated her 9th birthday. Emily's aunt, who has the same birthday as her, is 5 times as old as Emily.

Explain how this model represents the situation described above.

My Explanation

_____

_____

_____

_____

_____

_____

?

9				
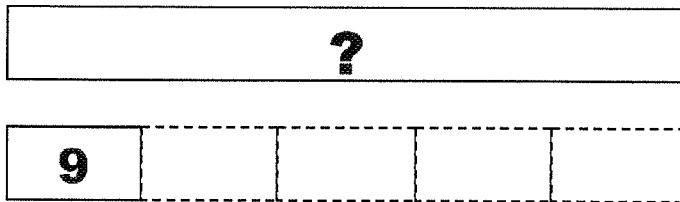
Read each set of statements about animal traits and behavior. Fill in the blanks with the numbers to the left of the statements.

3	8
12	9

Mice sleep an average of _____ hours per day. That is 4 times longer than the _____ hours that donkeys sleep each day.

4	6
12	48

Why would elephants be afraid of mice? An elephant's tail alone measures _____ inches on average. That's _____ times the length of the common house mouse, which is generally about 8 inches from the top of its nose to the tip of its tail.

Solve as many as you can in one minute.

200 x 6 = _____   80 x 70 = _____   50 x 70 = _____   5 x 80 = _____

80 x 60 = _____   9 x 60 = _____   700 x 6 = _____   700 x 8 = _____

500 x 9 = _____   40 x 200 = _____   5 x 600 = _____   300 x 90 = _____

70 x 5 = _____   600 x 3 = _____   9 x 50 = _____   70 x 80 = _____

Use the area model to find the products.

6 x 84 = ?

6 x 84 = _____

4 x 927 = ?

4 x 927 = _____
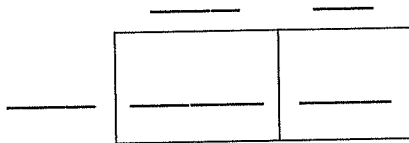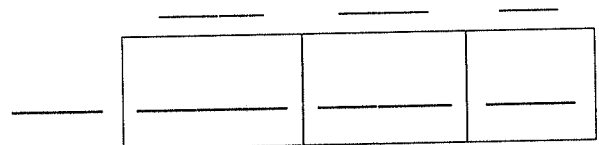
Use the clues to complete each chart.

At Dinah's Diner, she offers three types of pie to her customers – apple pie, pumpkin pie, and cherry pie. Last night –

• Dinah sold twice as much pumpkin pie as apple pie.
• Dinah sold four fewer pieces of apple pie than cherry pie.
• Dinah sold 12 pieces of cherry pie.

Dinah's Diner

type of pie	# of slices sold