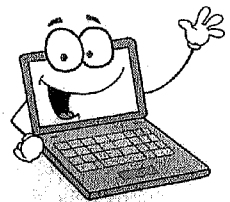


Name: _____

MONDAY
NIGHT

**Check
Me
Out!**

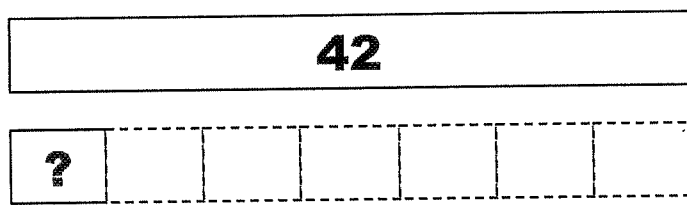


Want a quick review? Check out this week's (or previous week's) tutorials at mcdbsesmath.weebly.com/homework.html

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

The maple tree in Ethan's backyard is 42 feet tall. It is now 7 times as tall as it was when Ethan and his dad first planted it.

Explain how this model represents the situation described above.



My Explanation

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

4	5
7	8

Pigs sleep _____ hours a day. That is _____ times as long as giraffes, who typically sleep 2 hours a day.

2	5
6	15

Hamsters have tails that are generally around 3 centimeters long. The tails of gerbils, in comparison, are usually _____ cm longer than this, averaging around _____ centimeters in length.

Solve as many as you can in one minute.

$70 \times 6 = \underline{\hspace{2cm}}$

$80 \times 9 = \underline{\hspace{2cm}}$

$30 \times 70 = \underline{\hspace{2cm}}$

$5 \times 40 = \underline{\hspace{2cm}}$

$40 \times 60 = \underline{\hspace{2cm}}$

$9 \times 700 = \underline{\hspace{2cm}}$

$40 \times 6 = \underline{\hspace{2cm}}$

$50 \times 8 = \underline{\hspace{2cm}}$

$200 \times 9 = \underline{\hspace{2cm}}$

$40 \times 90 = \underline{\hspace{2cm}}$

$5 \times 300 = \underline{\hspace{2cm}}$

$60 \times 90 = \underline{\hspace{2cm}}$

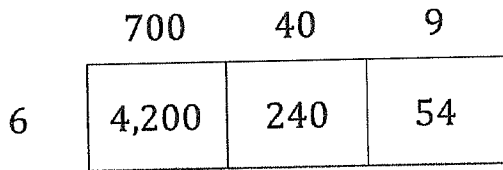
$40 \times 5 = \underline{\hspace{2cm}}$

$600 \times 8 = \underline{\hspace{2cm}}$

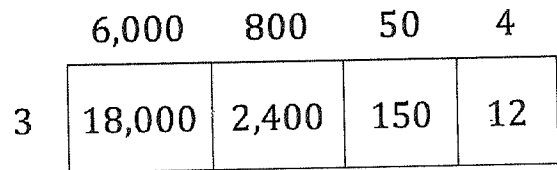
$70 \times 50 = \underline{\hspace{2cm}}$

$20 \times 80 = \underline{\hspace{2cm}}$

Write an equation to show the two factors and final product represented by each area model.



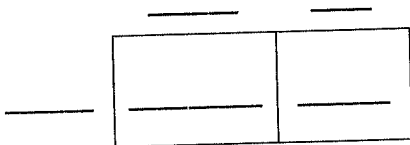
$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$



$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

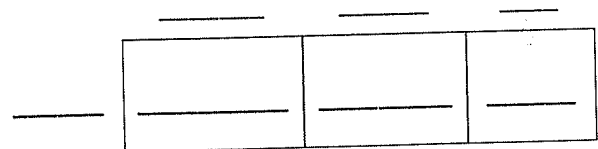
Use the area model to find the products.

$7 \times 49 = ?$



$7 \times 49 = \underline{\hspace{2cm}}$

$6 \times 483 = ?$



$6 \times 483 = \underline{\hspace{2cm}}$