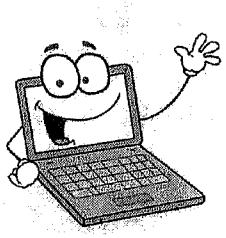
Name: _____ THURSDAY NIGHT

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: finding factors, interpreting story problems, and multiplying using the distributive property.

Solve as many as you can in one minute.

20 x 6 = _____	80 x 9 = _____	30 x 20 = _____	7 x 40 = _____
70 x 60 = _____	3 x 700 = _____	40 x 7 = _____	20 x 8 = _____
300 x 9 = _____	60 x 90 = _____	5 x 500 = _____	30 x 90 = _____
40 x 5 = _____	500 x 8 = _____	70 x 90 = _____	80 x 80 = _____

In which equations is the ☐ equal to 60? Place a ✔ next to all that apply.

___ 70 x ☐ = 420	___ ☐ x 4 = 240	___ 3 x 20 = ☐
___ ☐ x 50 = 300	___ 20 x 30 = ☐	___ 8 x ☐ = 480

Create three multiplication equations that have a product of 360.

_____ x _____ = 360 _____ x _____ = 360 _____ x _____ = 360

Use the distributive property as shown to find each product.

188×5	$=$	100×5	$+$	80×5	$+$	8×5
	$=$	500	$+$	400	$+$	40
	$=$	940				
656×4	$=$	$\_\_\_\_\_ \times 4$	$+$	$\_\_\_\_\_ \times 4$	$+$	$\_\_\_\_ \times 4$
	$=$	2400	$+$	200	$+$	24
	$=$	2624				
543×2	$=$	$\_\_\_\_\_ \times 2$	$+$	$\_\_\_\_\_ \times 2$	$+$	$\_\_\_\_ \times 2$
	$=$	$\_\_\_\_\_$	$+$	$\_\_\_\_\_$	$+$	$\_\_\_\_$
	$=$	1086				
982×4	$=$	$\_\_\_\_\_ \times \_\_\_\_$	$+$	$\_\_\_\_\_ \times \_\_\_\_$	$+$	$\_\_\_\_\_ \times \_\_\_\_$
	$=$	$\_\_\_\_\_$	$+$	$\_\_\_\_\_$	$+$	$\_\_\_\_$
	$=$	$\_\_\_\_\_$				

A typical koala can lives for 8 years in the wild. A rhino, on the other hand, has a much longer life span. In fact, the average rhino lives 4 times as long as a typical koala. What is the expected life span of a typical rhino?

equation: _____

answer: _____

Sandy's parents bought a new, larger kiddie pool for her brother Mark. When Sandy used the hose to fill up the old pool, it took 9 minutes to fill with water. The new, larger pool takes 27 minutes to fill up. How much longer does it take to fill up the new pool than it did to fill the old pool?

equation: _____

answer: _____