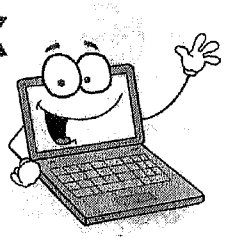
Name: _____ MONDAY NIGHT

Check Me Out!



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

This week: interpreting reminders when dividing and using the area model to multiply two-digit numbers.

Solve as many as you can in one minute.

$27 \div 3 =$ _____	$63 \div 9 =$ _____	$12 \div 3 =$ _____	$18 \div 9 =$ _____
$8 \div 2 =$ _____	$36 \div 6 =$ _____	$30 \div 3 =$ _____	$24 \div 6 =$ _____
$18 \div 2 =$ _____	$45 \div 9 =$ _____	$54 \div 9 =$ _____	$10 \div 2 =$ _____
$10 \div 5 =$ _____	$10 \div 1 =$ _____	$21 \div 7 =$ _____	$2 \div 2 =$ _____
$6 \div 2 =$ _____	$1 \div 1 =$ _____	$8 \div 4 =$ _____	$90 \div 9 =$ _____
$5 \div 5 =$ _____	$21 \div 3 =$ _____	$28 \div 4 =$ _____	$7 \div 1 =$ _____

Answer the questions by interpreting the remainders to the completed division problems.

1) A movie theater needed 48 popcorn buckets. If each package has 9 buckets in it, how many packages will they need to buy? $48 \div 9 = 5$ r3

2) An industrial machine can make 7 crayons a day. If each box of crayons has 3 crayons in it, how many full boxes does the machine make a day? $7 \div 3 = 2$ r1

3) A vase can hold 7 flowers. If a florist had 67 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full? $67 \div 7 = 9$ r4

1. _____
2. _____
3. _____

Write an equation to show the two factors and final product represented by the area model on the left. Then, use the area model to find the product of the factors on the right.

_____ x _____ = _____ 95 x 43 = _____

	30	+	8
70	2,100		560
+			
6	180		48

You can make an equivalent fraction by multiplying the fraction by any fraction equal to one whole.

$\frac{2}{3} \times \frac{4}{4} = \frac{8}{12}$ $\quad \frac{2}{3} = \frac{8}{12}$

$\frac{2}{3} \times \frac{5}{5} = \frac{10}{15}$ $\quad \frac{2}{3} = \frac{10}{15}$

$\frac{2}{3} \times \frac{2}{2} = \frac{4}{6}$ $\quad \frac{2}{3} = \frac{4}{6}$

Fill in the missing value which will make each pair of fractions equal.

(1) $\frac{1}{3} = \frac{}{24}$ (2) $\frac{1}{4} = \frac{}{12}$ (3) $\frac{4}{5} = \frac{}{35}$ (4) $\frac{4}{11} = \frac{}{22}$

Find the sum or difference of each pair of fractions. Write each improper fraction as a mixed number.

11. $\frac{17}{8} + \frac{3}{8}$ 7. $\frac{1}{6} + \frac{13}{6}$ 6. $\frac{7}{3} - \frac{1}{3}$