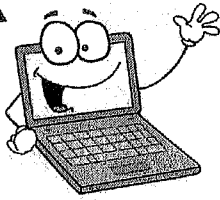


NAME: _____

THURSDAY
NIGHT

**Check
Me
Out!**



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

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

Solve as many as you can in one minute.

$30 \div 6 = \underline{\quad}$

$12 \div 4 = \underline{\quad}$

$40 \div 10 = \underline{\quad}$

$16 \div 8 = \underline{\quad}$

$14 \div 7 = \underline{\quad}$

$5 \div 5 = \underline{\quad}$

$54 \div 6 = \underline{\quad}$

$6 \div 6 = \underline{\quad}$

$24 \div 4 = \underline{\quad}$

$4 \div 4 = \underline{\quad}$

$12 \div 3 = \underline{\quad}$

$63 \div 7 = \underline{\quad}$

$81 \div 9 = \underline{\quad}$

$9 \div 3 = \underline{\quad}$

$70 \div 7 = \underline{\quad}$

$49 \div 7 = \underline{\quad}$

$48 \div 6 = \underline{\quad}$

$21 \div 7 = \underline{\quad}$

$35 \div 5 = \underline{\quad}$

$30 \div 10 = \underline{\quad}$

$35 \div 7 = \underline{\quad}$

$28 \div 7 = \underline{\quad}$

$48 \div 8 = \underline{\quad}$

$56 \div 8 = \underline{\quad}$

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

- 1) Each house a carpenter builds needs 7 sinks. If he bought 20 sinks, how many houses would that cover?

$20 \div 7 = 2 \text{ r}6$

1. _____

- 2) A new video game console needs 6 computer chips. If a machine can create 58 computer chips a day, how many video game consoles can be created in a day?

$58 \div 6 = 9 \text{ r}4$

2. _____

- 3) A builder needed to buy 9 boards for his latest project. If the boards he needs come in packs of 2, how many packages will he need to buy?

$9 \div 2 = 4 \text{ r}1$

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 _____ = _____

45 x 72 = _____

	90 + 4	
80	7,200	320
+		
6	540	24

Fill in the missing numerator to create a pair of equivalent fractions.

(17) $\frac{7}{10} = \frac{\quad}{20}$

(18) $\frac{3}{4} = \frac{\quad}{20}$

(19) $\frac{1}{9} = \frac{\quad}{45}$

(20) $\frac{4}{7} = \frac{\quad}{28}$

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

1. $\frac{17}{4} - \frac{1}{4}$

5. $\frac{7}{5} + \frac{11}{5}$

9. $\frac{8}{5} - \frac{4}{5}$

Compare the fractions using <, >, or =.

$\frac{16}{5}$

$\frac{11}{5}$

$\frac{13}{6}$

$\frac{9}{4}$

$\frac{12}{4}$

$\frac{1}{4}$

$\frac{4}{5}$

$\frac{3}{2}$