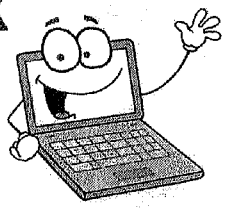
Name: _____ WEDNESDAY NIGHT

**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.

| | | | |
|---|---|---|---|
| $80 \div 10 =$ _____ | $50 \div 10 =$ _____ | $56 \div 7 =$ _____ | $40 \div 4 =$ _____ |
| $72 \div 8 =$ _____ | $6 \div 2 =$ _____ | $36 \div 9 =$ _____ | $6 \div 1 =$ _____ |
| $49 \div 7 =$ _____ | $30 \div 5 =$ _____ | $9 \div 9 =$ _____ | $16 \div 4 =$ _____ |
| $15 \div 3 =$ _____ | $60 \div 6 =$ _____ | $36 \div 4 =$ _____ | $80 \div 10 =$ _____ |
| $40 \div 8 =$ _____ | $8 \div 2 =$ _____ | $20 \div 2 =$ _____ | $10 \div 10 =$ _____ |
| $25 \div 5 =$ _____ | $36 \div 6 =$ _____ | $16 \div 2 =$ _____ | $72 \div 9 =$ _____ |

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

**10)** A restaurant needs to buy 20 new plates. If each box has 3 plates in it, how many boxes will they need to buy?

$20 \div 3 = 6$ r2

**11)** A school had 22 students sign up for the trivia teams. If they wanted to have 7 team, with the same number of students on each team, how many more students would need to sign up?

$22 \div 7 = 3$ r1

**12)** A movie store had 9 movies they were putting on 2 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

$9 \div 2 = 4$ r1

10. _____

11. _____

12. _____

**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 _____ = _____ 36 x 87 = _____

| | 50 | 4 |
|---|---|---|
| 20 | 1,000 | 80 |
| + | | |
| 7 | 350 | 28 |

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

(9) $\frac{1}{7} = \frac{\quad}{49}$ (10) $\frac{2}{3} = \frac{\quad}{18}$ (11) $\frac{3}{8} = \frac{\quad}{24}$ (12) $\frac{4}{9} = \frac{\quad}{27}$

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

4. $\frac{17}{9} - \frac{17}{9}$ 8. $\frac{23}{2} - \frac{19}{2}$ 12. $\frac{17}{10} + \frac{13}{10}$

Compare the fractions using <, >, or =.

$\frac{2}{4}$ $\frac{7}{6}$ $\frac{11}{3}$ $\frac{14}{2}$ $\frac{13}{4}$ $\frac{1}{4}$ $\frac{17}{6}$ $\frac{9}{3}$