

Name: \_\_\_\_\_

Date: \_\_\_\_\_ American Math, Section: \_\_\_\_\_

### Homework #1 – Division of Multi-Digit Whole Numbers

**Divide mentally:**

1)  $300 \div 5 =$  \_\_\_\_\_

2)  $4,800 \div 8 =$  \_\_\_\_\_

3)  $4,200 \div 6 =$  \_\_\_\_\_

**Find each quotient.**

4)  $174 \div 6 =$

\_\_\_\_\_

5)  $62 \overline{)8,090}$

\_\_\_\_\_

6)  $453 \div 8 =$

\_\_\_\_\_

7)  $31 \overline{)2,480}$

\_\_\_\_\_

8) A tour bus travels 2,160 miles in 36 hours. What is the average distance the bus travels in one hour?

\_\_\_\_\_

9) The table shows the number of servings for different size cakes at Mimi's Bakery. Suppose a high school graduation expected 2,889 guests. How many X-large sheet cakes should the school order? Explain how you solved.

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Mimi's Bakery	
Sheet Cake Size	Number of Servings
Small	30
Medium	60
Large	90
X-Large	120

10) Water stations will be placed every 600 meters of a fifteen kilometer race. How many water stations will be needed? (*Hint: There are 1,000 meters in one kilometer.*)

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11) Write and solve a real-world problem that involves a two-digit divisor and a four-digit dividend.

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