Name _____ Date _____

Division with Remainders: Dividing by a One-Digit Number

Directions: A remainder is the amount left over after you divide. Break a large number into parts that are easy to divide.

1. Find the quotient and the remainder.
29 ÷ 4 = _____ remainder _____

2. A whole number is divided by 6. Which of these could be the remainder?
A. 4 B. 6 C. 7 D. 9

3. You can split 85 into 50 and 35. Use the two parts to find 85 ÷ 5.

_____

4. Sofia divides a mystery number by 8. She gets a quotient of 5 and a remainder of 3. What is the mystery number?

_____

5. Divide 139 by 4. How many 4s fit into 139, and how much is left over?
139 ÷ 4 = _____ remainder _____

6. A flower shop has 264 roses. Workers put 6 roses in each vase until all of the roses are used. How many vases do they fill?

_____ vases

7. To find 168 ÷ 3, you can break 168 into two parts and divide each part by 3. Which pair of divisions does that correctly?
A. 168 ÷ 1 and 168 ÷ 2 B. 15 ÷ 3 and 18 ÷ 3
C. 150 ÷ 3 and 18 ÷ 3 D. 100 ÷ 3 and 60 ÷ 3

8. What is 3,216 ÷ 8?

_____

9. A factory packs 1,250 candles into boxes of 8. How many full boxes does it pack, and how many candles are left over?
The factory packs _____ full boxes, and _____ candles are left over.

10. A museum prints 1,000 maps. It keeps 136 maps at the front desk and shares the rest equally among 4 entrances. How many maps does each entrance get?

_____ maps