

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

Date \_\_\_\_\_

**HOMEWORK - Writing Equations with Multiple Keys**

Math 8R

1. Mrs. Smith rode the bus 720 miles over the course of 3 days. On the first day, she traveled 3 times as far as she did on the second day. On the third day, she traveled 2 times as far as she did on the second day. How far did she travel each day?
2. Three waiters at a local restaurant earned different amounts of money last week. Jennifer earned \$40 less than twice the amount Tony earned. Chris earned \$60 more than Tony. How much did each waiter earn if they earned \$900 combined?
3. Four friends have different number of cows on their farms. George has 3 times as many cows as Carla. Marcus has half as many cows as George. Dominique has 2 less than 4 times as many cows as Carla. How many cows does each person have if they have a total of 169 cows?