Name: _____   Date: _____

Unit 4 Review

Show your work. Include an equation with a variable for each problem.

1. Parker practices recorder for Music class 3 times per hour. Parker wants to test with Mrs. Lueck, so he sets a goal to practice the song "Merrily We Roll Along" 42 times. How many hours will Parker need to practice?

2. Five sandwich artists at Subway make 17 veggie subs, 33 meatball subs and 105 philly cheese steak subs. How many subs will each sandwich artist make (if each artist makes an equal amount of sandwiches)?

3. An adult lion will eat 3 times as much gazelle meat as a lion cub. The adult lion eats 200 pounds of gazelle. Altogether, how much gazelle meat will both the adult lion and lion cub eat?

4. Walmart ordered 489 winter hats in small, medium, and large sizes. There are 205 small hats and 178 medium hats. How many large hats are there?

5. List all the factor pairs for the number 64.

6. Which number is composite? 12, 53, 37, 1

7. Which number is prime? 33, 21, 108, 7

8. Which number is both a factor of 50 and a multiple of 2? 2, 7, 9, 5

9. While sorting some paperclips for Mrs. Moran, Trey put 13 paperclips in the first bin, 16 in the second bin, 19 in the third bin, and 22 in the fourth bin. If this pattern continues, how many paperclips will Trey put in the eighth bin?