Name: _____   Date: _____

Chapter 1 Quiz Practice

1) An animal shelter has 12 puppies and 36 kittens available for adoption. What is the ratio of kittens to puppies in simplest form? Explain its meaning.

2) The table shows the number of books Mrs. Griffiths read this past summer. Write the ratio of western books to the total in simplest form. Then, explain its meaning.

Type	Number of Books
Mystery	10
Nonfiction	7
Science Fiction	5
Western	2

3) Annie Mall wants to share her 120 beanie babies with her nieces, so that for every 5 beanie babies her one niece has, her other niece has 7 beanie babies. How many beanie babies will each niece receive?

4) A Ruby Throated Hummingbird beats its wings 159 times in 3 seconds. How many times does the Ruby Throated Hummingbird beat its wings per second? _____

5) Which bottle of Jolly Juice orange juice has the best unit price?

Bottles of Jolly Juice Orange Juice	
Containers	Price
8 oz	$0.96
16 oz	$1.60
32 oz	$2.56
64 oz	$3.84

6) Mrs. Galante graded one classes' 21 quizzes in 24 minutes. If she graded them all at the same rate, how many quizzes did she grade per minute?

7) Reilly read 132 pages in 4 days. Which reading rate is equivalent? *Circle all that apply.*

      A. 99 pages in 3 days   **C.** 155 pages in 5 days

      B. 210 pages in 7 days   **D.** 297 pages in 9 days

For problems 8 – 10, determine if each pair of ratios or rates are equivalent. Explain your reasoning.

8) $15 for 5 pairs of socks; $25 for 10 pairs of socks

9) A cookie recipe that yields 48 cookies calls for 2 cups of flour. A different cookie recipe that yields 60 cookies calls for 3 cups of flour.

10) At the school book sale, Mike bought 3 books for $6. Ike bought 5 books for $10.