Name _____ Date _____

Extra Practice 5

Lesson 5: Equivalent Ratios

1. Write 2 equivalent ratios for each ratio.

   a) 2 : 2   **b)** 4 : 7   **c)** 6 : 8   **d)** 1 : 6

   e) 5 : 2   **f)** 6 : 2   **g)** 9 : 3   **h)** 4 : 5

   i) 8 : 3   **j)** 9 : 12   **k)** 3 : 4   **l)** 1 : 8

2. Write an equivalent ratio with 50 as one of the terms.

   a) 5 : 10   **b)** 7 : 25   **c)** 9 : 5   **d)** 10 : 6

   e) 2 : 6   **f)** 10 : 7   **g)** 25 : 4   **h)** 1 : 6

3. List all the ratios that are equivalent to 4 : 3 and have a first term
   that is less than 50.

4. Donald's punch recipe calls for 3 L of ginger ale, 1 L of strawberry juice,
   and 2 L of orange juice.
   Suppose Donald uses 9 L of ginger ale.
   How much strawberry juice and orange juice should he use?

5. The word "can" has a vowel to consonant ratio of 1 to 2.

   a) Find 3 words, each with more than 3 letters, with a vowel to consonant ratio
   equivalent to 1 to 2.

   b) Choose a vowel to consonant ratio. Find 3 words with that ratio.

6. The ratio of fish to snails in Jake's fish tank was 8 to 2. Jake added more fish
   and snails to the tank, but kept the same ratio. How many fish and snails might
   there be in the tank now?

7. Write an equivalent ratio with 30 as one of the terms.

   a) 2 : 15   **b)** 5 : 8   **c)** 4 : 10   **d)** 3 : 8   **e)** 12 : 6