Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_

**Mixed Operations for Rational Numbers**

1. A seamstress is going to make a blanket for a client. She has a total of 12 yards of fabric. She cuts off a 5 yard section and then cuts another 1yard section. How long is the remaining fabric after the cuts are made?

2. Shawna wants to store CDs on a shelf that is 16 inches wide. If each CD is inch, how many CDs can be stored on the shelf?

3. A fruit market sells cantaloupes for $2.00 each and oranges for $0.45 each. How many cantaloupes and oranges could you purchase with exactly $3.80? Assume that both kinds of fruits are purchased.

4. Janelle wants to bake banana nut bread loaves to give as gifts to her teachers at the end of the school year. Each loaf requires 2 cups of sugar. She has 17cups of sugar. How many loaves can she make?

5. Susan is making a collage with photos. She wants to mount 2 pictures with dimensions 3inch by 5 inches. What is the total area of her pictures? **(HINT: Area of a rectangle is length x width or *A*=*lw*)**

6. A student has an iPod that has 8 gigabytes. He downloads about 4.375 gigabytes of music on Friday, and then he downloads 1.5gigabytes on Saturday. How much space does he have left on his iPod?

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