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

**Mixed Operations for Rational Numbers II**

1. Tim wants to know how long he spent doing certain tasks. He spent of an hour washing his car, 2hours watching a movie, and he spent 2 hours doing homework. How much time did he spend on all of those tasks?

2. Maple makes homemade syrup. She gets about 2 gallons of syrup from one tree. Each jar she makes holds of a gallon of syrup. How many jars of syrup can she make from one tree?

3. Pascal wants to try to figure out how much wood he has left from a 12 foot board. He gave one piece of wood to his friend that was 3feet long, and another 2 feet piece to his friend Mark. How much wood does Pascal have left?

4. Dagwood wants to find out how much plastic he needs for a model. He has to buy a piece that is 3inches long, but he needs 6 of them. How long does the piece of plastic that Dagwood needs to buy?

5. Susan is making a cake and starts out with 13.375 cups of sugar. How many cakes can Susan bake if she has to use 1.25 cups of sugar per cake?

6. Bob wants to buy all the shares of his company from his friends. Jill has 27% of the company shares, Bill has 20% of the company shares, and Jane has the rest of the company shares which is 10%. What percent of shares does Bob own?

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