

## Lesson 11: Quiz 3 – Addition with Decimals – Problem Solving

**Directions:** Read each word problem and give the numerical answer. The abbreviations for units of measurement are required.

1. While running errands James made three stops. From home he went 2.1 miles (mi.) to the grocery store, then 0.98 mi. to the pharmacy and finally 13.5 mi. to the bank. In all, how many miles (mi.) did James travel?  
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2. In the last four weeks Lois put the following amounts of gasoline in her car: 21.9 gallons (gal.), 17.05 gal., 34.7gal., and 9.9 gal. How much gasoline did she use? \_\_\_\_\_
3. If Mrs. Wilson' garden is in the shape of a triangle, how many feet (ft.) of fence does she need to buy if the sides are 12.05 feet (ft.) and 17.9 ft. and 9.055 ft.? \_\_\_\_\_
4. The NY Fence Company needs to take inventory of the supplies they have on hand. They carry five types of fencing which measure 1009.5 meters (m), 934.505 m, 2148.5 m, 56.98 m, and 879.12 m. In all, how much fencing do they have on hand? \_\_\_\_\_
5. During a science experiment, Michael needed 1.54 ounces of dish detergent, .85 ounces of vinegar, and 4.5 ounces of water. What is the total ounce amount of liquid needed for the experiment? \_\_\_\_\_