Decimal Word Problems – "You Try"

1. The numbers below represent the average points scored for the top scoring basketball players in a local league. Order from least to greatest.

    18.15,20.6,18.2,19.07,18.29

2. Karen split a hike into three segments of 0.825 miles, 1.5 miles and 1.75 miles. What was the total length of Karen's hike?

3. A kiddie wading pool has been discounted $8. If the original cost was $24.99, find the sale price. Round the sale price to the nearest dollar.

4. Maris purchased a 16 pack of bottled water. Each bottle contains 0.75 liters. How many liters of water die she buy?

5. Paul spent $19.85 to buy 5 items of equal value. How much did she spend on each item?

6. Three drinks at the school local coffee shop have a cost of $5.42, $3.25 and $4.67. Jean wants to purchase the 3 drinks and leave a $2 tip. Jean has $15, does she have enough money?

7. Last week the rain fall was 0.3 inches on Sunday, 1.2 inches on Wednesday, 0.8 inches on Thursday, and 1.1 inches on Saturday. What was the average amount of rainfall for the week?

8. Jessica has 1.875 of fabric. Her mother has twice as much as Jessica. How many yards of fabric do they have all together?

9. Your favorite chocolate fudge recipe calls for 2.25 cups of sugar. You have 1.75 cups of sugar in your cupboard. A neighbor has 0.75 cups of sugar to lend to you. Do you have enough sugar to make the fudge?

10. Benjamin needs to buy 6 pens and some mechanical pencils for school. He has $25 to spend. If the pens cost $3.25 each, how much does he have left to spend on pencils? If the pencils are $0.79 each, how many could he purchase?