Mathematics

Name: _____   Grade: _____   Date:_____

Fractions, Decimals and percentages

Put the following in order from least to greatest

1. At the county bake off, Susan and Peggy wanted to beat Theresa. The challenge was to see who could use the most chocolate in her cake. Susan's cake was 7/10 chocolate. Peggy's cake was 4/5 chocolate, and Theresa's cake was 1/3 chocolate.

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2. Mike, Debbie, and Mackenzie are all having a contest to see who can eat the most hot dogs. Mike ate 2/8 of the hot dogs, Debbie ate 3/6 of the hot dogs, and Mackenzie ate 1/4 of the hot dogs. Who would win first, second, and third place in the contest?

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3. Five swimmers are entered into a competition. Four of the swimmers have had their turns. Their scores are 9.8 s, 9.75 s, 9.79 s, and 9.81 s. What score must the last swimmer get in order to win the competition?

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4. Melissa purchased $39.46 in groceries at a store. The cashier gave her $1.46 in change from a $50 bill. Melissa gave the cashier an angry look. What should be Melissa's correct change?

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5. Mike wants to buy a Physics book costing $600. He has $475.25 only in his purse. How much more money does he need to purchase the book?

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6. Jenifer had $178.50 with her. She has spent $138.85. How much money does she have now?

   _____

7. Sam bought a pair of shirts for $205.75, a pant for $225.25 and a coat for $1225.20. What was the total cost of all the three items?

   _____

8. The sum of three decimals are 938.629. Two of them are 456.54 and 392.69. Find the third one.

    _____

9. A cow gives 24 l milk each day. If the milkman sells 75% of the milk, how many litres of milk is left with him?

    _____

10. Elijah was able to sell 35% of his vegetables before noon. If Elijah had 200 kg of vegetables in the morning, how many grams of vegetables was he able to see by noon?

    _____

11. There are 50 students in a class. If 14% are absent on a particular day, find the number of students present in the class.

    _____

12. In a class 60% of the students are girls. If the total number of students is 30, what is the number of boys?

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