



Name _____

Decimal Challenge

Directions: Solve each problem. Show your work and include units or dollar signs when needed.

1. A museum visitor walked 2.85 km in the morning and 4.6 km in the afternoon. How far did the visitor walk altogether?
2. A tank held 18.5 L of water. After 7.85 L was used, how many liters remained?
3. A camping trip requires 2.4 kg of food per day for 5 days. How many kilograms of food are needed?
4. Before solving, estimate the answer by rounding to the nearest whole number. A runner completed 6.35 km on Saturday and 3.75 km on Sunday. Which operation should you use?
5. A bag contains 16.8 kg of soil. It is divided equally into 8 pots. What's the operation needed? What's the answer?
6. A family has \$50.00 for a picnic. They buy sandwiches for \$18.75, fruit for \$9.40, and drinks for \$7.85. How much money is left?
7. A train traveled 125.8 km before lunch and 94.6 km after lunch. It then traveled 36.4 km to its final stop. What total distance did the train travel?