Simple Word Problems with Fractions and Decimals

Bake Sale

Lauren had 4 cakes to sell at the school bake sale. "I'm going to cut these in half," she thought, "in case someone only wants half."

1. If someone wants a whole cake, how many halves will Lauren sell to the person? _____

2. How many half cakes can Lauren make out of 4 whole cakes? _____

3. Holly sold $\frac{1}{4}$ of a pie to each person who wanted a piece. She had 8 pies and they all were sold. How many people bought pieces of pie? _____

Dollars and Sense

4. There's a sale at the local grocery store.

Tomato Soup 7 cans for $0.56	Sugar 5 pounds for $0.45

How much does 1 can of tomato soup cost? _____ How much does 1 pound of sugar cost? _____

5. The Najera family ate at Heartland Café and the bill was $23.48 for four. They all ordered the same thing! What was the cost of each person's meal? _____

6. Lupe loves to garden. She paid $143.78 for a tree, $53.67 for tulip bulbs, $17.09 for tomato plants, and $11.34 for a bag of grass seed. How much did she spend in all? _____

7. Lauren's dad went on a canoe trip. He spent $37.34 on gas, $264.77 on canoe rental, $127.45 on food, $189.34 on a new sleeping bag, and $47.12 on souvenirs. How much did the trip cost? _____

8. Jessica needs 12 meters of ribbon to make 9 ties. Ribbon costs $0.89 a meter. How much change does she receive from her $20 bill? _____

9. Carson raised $1.85 per kilometer in a charity run. If she ran 20.5 kilometers, how much money did she raise? (Round to nearest hundredth). _____

Lunch!

10. How many servings of $\frac{1}{2}$ a cantaloupe can you make from 2 cantaloupes? _____ from 3 cantaloupes? _____

11. Gabriel had 3 cookies. He gave David $\frac{1}{2}$ of a cookie. How many cookies does Gabriel have left? _____