Name _____   Date _____

Word Problems Leading to Equations - Independent Practice Worksheet

Complete all the problems.

1. $\frac{4}{8}x - 6 = -24$ Solve for x.

2. Lauren goes to the exhibition. She purchased some wooden antiques for $70.   She purchases a table for $44 and 2 chairs. Each of the chairs costs the same price. Write an equation representing the cost of the antiques and determine the price of one chair.

3. William had $45 dollars to spend on vegetables. After buying 6 watermelons, he had $25.50 left. How much did each watermelon cost?

4. $\frac{6}{12}x - 10 = 30$ Solve for x.

5. Danielle wants to purchase some clothes. He has $75. He buys one leather jacket for $39 and 3 pair of socks. Each pair of socks cost the same price. Determine the price of one pair of socks.

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6. Jason has $90 to spend. He wants to purchase a bag for $30, one eraser for $10, and three pencils. Each of the pencils costs the same price. This will use up all of Jason's money. Determine the price of a pencil.

7. Jeremy celebrates his baby's first birthday party. He has $100. He purchased vanilla cake for $30, one big balloon for $10, and 10 birthday caps. Each of the birthday caps cost the same price. Write an equation representing the total expenditure of the party and determine the price of one cap.

8. Christina goes shopping on Monday. She has $50. After buying 10 water bottles, she had $5 left. How much did each water bottle cost?

9. $\frac{3}{6}x + 6 = 12$

10. $\frac{5}{7}x - 14 = -22$