

Name:

Date:

Period:

Solve the systems of equations on a separate piece of paper. Don't forget:

- A: **LET** Statements
- B: **EQUATIONS**
- C: To **SOLVE** your Equations
- D: To **CHECK** your answers in EACH equation
- E: Your **STATEMENT** answering the question being asked

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1. A dealer has some hard candy worth \$2.00 a pound and some worth \$3.00 a pound. He makes a mixture of these candies worth \$45.00. If he used 10 pounds more of the less expensive candy than he used of the more expensive candy, how many pounds of each kind did he use?

 2. Mr. Smith bought a package of 3 chicken legs and a package of 7 chicken wings. Ms. Jones bought a package of 3 chicken legs and a package of 6 chicken wings. Mr. Smith bought 45 ounces of chicken. Ms. Jones bought 42 ounces of chicken. How much did each chicken leg and each chicken wing weigh?

 3. The Lees spend \$31 on movie tickets for 2 adults and 3 children. The Macias spend \$26 on movie tickets for 2 adults and 2 children. What are the prices for adult and child movie tickets?

 4. Joyce bought 2 bath towels and returned 3 hand towels. Her sister Jane bought 3 bath towels and 3 hand towels. Joyce's bill was \$5 and Jane's bill was \$45. What are the prices of a bath towel and a hand towel?

 5. Harlan has \$44 to buy 7 pairs of socks. Athletic socks cost \$5 per pair. Dress socks cost \$8 per pair. How many pairs of each can Harlan buy?

 6. You and a friend go to Tacos Grande for lunch. You order three soft tacos and three burritos and your total bill is \$11.25. Your friend's bill is \$10.00 for four soft tacos and two burritos. How much do soft tacos cost? How much do burritos cost?

 7. Jim bought 42 stamps, some 13-cent and some 18-cent stamps. How many of each kind did he buy if the cost was \$6.66?

 8. At a sale on winter clothing, David bought two pairs of gloves and four hats for \$43.00. Tommy bought two pairs of gloves and two hats for \$30.00. Find the prices of the hats and gloves.