

Name: _____ Date: _____ Class: _____

GRADE: _____

Systems of Equations

Determine the answer to the situation. Use any skills, drawing, charts, etc. that you want.

- Sean bought two pairs of shorts and one pair of sunglasses for \$50. Ricky bought one pair of shorts and three pairs of sunglasses for \$50.
 - determine the price for 1 pair of shorts and 1 pair of sunglasses.
 - how many pairs of shorts can you get for \$100?
- Jennifer bought two t-shirts and one sweatshirt for \$30. When she got home she regretted her purchase. She went back and exchanged one t-shirt for another sweatshirt and paid \$6 more for the price difference.
 - determine the price of 1 t-shirt and 1 sweatshirt.
 - how many sweatshirts can you get for \$50?
- Bowl-O-Rama charges \$2.50 per game and \$2 for shoe rental. Bowling Plaza charges \$2 per game and \$4 for shoe rental. Assuming you have to rent shoes, after how many games will the price be the same?
- Pier One has candles on sale. They are selling votive candles and pillar candles. Sheina bought three pillar candles and five votive candles for \$7.50. Alice bought two pillar candles and two votive candles for \$3.40. Determine the price of one pillar candle and one votive candle.
- The LJHS band sells carnations on Valentine's Day for \$2 each. They buy the carnations from a local florist for \$0.50 each and pay a delivery fee of \$16. How many carnations does the band need to sell in order to break even?
- Two families went to the Rogers Malco to watch a movie. Family A bought 3 large popcorns and 2 small drinks for \$21. Family B bought 2 large popcorns and 3 small drinks for \$22. Determine the price of one large popcorn and one small drink.
- Mrs. Hester has a jar with nickels and dimes inside. The jar has 20 coins and a total value of \$1.40. How many nickles and how many dimes are in the jar?
- Ricky bought flowers for Susan. Awww, how sweet! He spent a total of \$14.85 and bought 13 flowers. If he knows lilies cost \$1.25 and tulips cost \$0.90, how many of each flower did he buy Susan?
- Three hundred fifty-eight tickets were sold to the BHS basketball game last week. Student tickets cost \$1.50 and nonstudent tickets cost \$3.25. If the total collected was \$752.25, how many of each ticket did BHS sell?
- Three camp leaders purchased equipment for an upcoming camping trip. Max bought 10 sleeping bags, 2 tents, and 1 bottle of bug repellent for \$885. Carl bought 5 sleeping bags, 4 tents, and 1 bottle of bug repellent for \$865. Amy bought 9 sleeping bags, 6 tents, and 6 bottles of bug repellent for \$1410. If all of the purchases were made from the same store, how much does each item cost individually?