| Algebra 2 | | Name: | Name: | |
|-----------|---|---|--|--|
| 1.3 - | Solving Systems with 3 Variables using | | | |
| | and an all and the same | Date: | Period: | |
| For e | each word problem | h) Cotum Custom of | | |
| | a.) Define Variables | b.) Setup System of | - | |
| | c.) Setup Matrix Equation | d.) Use matrices to s | oive | |
| 1.) | muffins at 45 cents each, and cranber kind and chooses three times as many | inds of muffins: chocolate chip muffins at 40 cents each, oatmeal and cranberry muffins at 50 cents each. Charles buys some of each nes as many cranberry muffins as chocolate chip muffins. If he spends many chocolate chip muffins did he buy? | | |
| 2.) | The state fair sold admission tickets in a price range of 3 different age groups: adults, teens, and children. The adult price was \$16, the teen's price \$6, and the child's price \$4. A group of 2 people attended the fair together. The total price for all of them to enter the fair was \$214. The number of teens in the group was double of the adults and children combined. How many adults, teens, and children were in the group? | | | |
| 3.) | Danielle has five dollar bills, ten dolla number of ten dollar bills is 3 times le bills. How many of each time of coin o | ess than the sum of the five do | ollar bills and twenty dollar | |
| 4.) | For the birthday party this friday the green. The red ballons cost \$2.50 eac of 23 people coming over and everyor of red ballons as there are blue and the ballons cost were \$48. How many | h the blue \$1.75 and the gree ne gets a balloon including Frone ne blue is twice the amount of | n is \$1 each. Fred has a totaled. There are 3x's the amount the green. The total amount | |