FLUENCY PRACTICE: Elimination Word Problems A

Name:_____ Period:_____

Directions: Use the 5 steps to solve each word problem. **Show all work.**

1. Joe owns a small coffee business on the local college campus. He sells coffee in 2 sizes: large and small. The large is $2 and the small is $1. Yesterday he sold a total of 205 cups of coffee, making $325 in revenue. How many of each size did Joe sell yesterday?

2. Roger wants to paint a few rooms in his house, so he bought 6 gallons of paint and 4 paintbrushes for a total of $68. Later he bought 5 more gallons of paint and 2 more paintbrushes for $54. How much does one gallon of paint cost and one paintbrush cost?

3. Rhonda owns a small business. One day, she needed some paper and file folders. She bought 4 boxes of paper and 9 boxes of file folders, paying a total $95. A month later, she bought another 5 boxes of paper and 3 boxes of file folders, paying just $61. How much do each box of paper and file folders cost?

4. The yearbook staff is putting an order in for 780 yearbooks. The students had a choice between the standard yearbook, which costs $20, or the deluxe edition, whish is $30, with a dust cover and extra autograph pages. The total cost of the order was $19,200. How many of each type of yearbook was ordered?

5. Tony needs some office supplies for his business. One day he ordered 6 boxes of pens and 12 boxes of pencils, costing $30. The next week he ordered another 8 boxes of pens and 2 boxes of pencils, this time costing $19. How much does each box of pens and pencils cost?

6. For a school fund raiser, the Math Team sold cheese and pepperoni pizzas. Each cheese pizza was $5.00 and each pepperoni pizza was $7.00. The sold a total of 200 pizzas, making $1,240. How many of each pizza did they sell?

7. Gary made 26 points on 11 shots in a recent basketball game. Some were 2-points baskets and the rest were 3-point baskets. How many of each basket did he make?

8. Janelle and Carrie went shopping a local store. Janelle bought 2 pairs of jeans and 4 t-shirts for $130. Carrie bought 2 pairs of jeans and 6 t-shirts for $160. How much does a pair of jeans and a t-shirt cost?