

Name _____
Alg1

February 25, 2020
Intro to WP with Systems

1) Sam went to the pizza place for lunch. It's \$2.50 for a slice of regular and \$1.35 for a bottle of water. Sam bought 3 slices and 1 bottle of water. Gabriel bought 2 slices and 2 bottle of water. How much did each boy pay for his order?

2) Sam went to the donut shop and bought 6 donuts and 4 large coffees for \$8.92. Gabriel went in right after Sam and bought 5 donuts and 6 large coffees for \$10.50. Find the price of 1 large coffee. Find the price of 1 donut.

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- 3) John and Mike went shopping at Modell's. John bought 4 sweatshirts and 5 t-shirts for \$254. Mike bought 2 sweatshirts and 4 t-shirts for \$154. Find the cost of each item. If Sarah went into the same store and bought 3 sweatshirts and 5 t-shirts, what would her bill be?

4) Hooded sweatshirts cost \$42 and crew neck sweatshirts cost \$33. If the store sold 180 total sweatshirts for \$7,047, how many of each sweatshirt were sold?

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5) Modell's sells Yankee sweatshirts for \$65 and Met sweatshirts for \$55. The store sold 300 sweatshirts and made \$19,480.

6) Amazon sells a book called Yankees: The Championship Years for \$30. Amazon also sells a book called Mets: The Championship Years for \$4 (as it is a MUCH shorter book). If Amazon sold 600 books this week and made \$17,974, how many of each book were sold?