

Name \_\_\_\_\_

Date \_\_\_\_\_

Word Probs. HW 1

Ms. Tran

Directions: Follow the algebraic problem solving steps to find the solution to each algebraic word problem. Show all your work and check your solution. Remember, you can read the problem as many times as you need to!

1. At the store, Ms. Tran purchased three pencils and a book that cost \$15. In total, she spent \$90. What is the cost of a single pencil if they all had the same price?

Let  $c =$  \_\_\_\_\_

\_\_\_\_\_ pencil                       $\times$         \_\_\_\_\_ cost of one pencil                      = \_\_\_\_\_

\_\_\_\_\_ book

\_\_\_\_\_ total amount spent

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_  
pencil                      book                      total amount spent

2. Ms. Harris was shopping at a book sale. All books were the same price. She bought six history books and eight math books. She also decided to buy one box of markers for \$2.40. In total, Ms. Harris spent \$8.70. What was the price of a one book?

Let  $c =$  \_\_\_\_\_

\_\_\_\_\_ history books       $\times$       \_\_\_\_\_ cost of one book       $=$  \_\_\_\_\_

\_\_\_\_\_ math books       $\times$       \_\_\_\_\_ cost of one book       $=$  \_\_\_\_\_

\_\_\_\_\_ marker

\_\_\_\_\_ total amount spent

\_\_\_\_\_  $+$  \_\_\_\_\_  $+$  \_\_\_\_\_  $=$  \_\_\_\_\_  
 history books      math books      marker      total amount spent