

Brewing Coffee Mixtures					
Name:	Teacher:				
Date:					

- 1. Java Joe wants to create a special mix using two coffees; one priced at \$6.40 per pound and the other at \$7.28 per pound. How many pounds of the \$7.28 coffee should be mixed with 9 pounds of the \$6.40 coffee to sell the mixture for \$6.95 per pound?
 - a) 12 pounds
 - b) 10 pounds
 - c) 15 pounds
 - d) 11 pounds



Please turn the page



2. <u>Set up the chart</u> below to show how to solve the following mixture word problem:

"Ground chuck sells for \$1.75 per pound. How many pounds of ground sirloin selling for \$2.45 per pound should be mixed with 20 pounds of ground chuck to obtain a mixture that sells for \$2.05 per pound?"

Type of Ingredient	Cost per Pound	Number of Pounds	The Total Price
Mixture			



Write the equation:

Solve the equation. Show work.