**Quick Proportions**

1. Write a recipe (by volume) for a cup 8 fluid ounces of prepared hot cocoa:

\_\_\_\_\_\_\_ tsp of NesquikTM

\_\_\_\_\_\_\_ tsp of powdered milk

\_\_\_\_\_\_\_ tsp of creamer

\_\_\_\_\_\_\_ tsp total

1. Scale the recipe to a total volume of a pint (16 fluid ounces) of powdered hot cocoa. (Note that a pint is 96 tsp.)

\_\_\_\_\_\_\_ tsp of NesquikTM

\_\_\_\_\_\_\_ tsp of powdered milk

\_\_\_\_\_\_\_ tsp of creamer

96 tsp total

1. Write a recipe (by volume) for a cup (8 fluid ounces) of prepared hot cocoa:

\_\_\_\_\_\_\_ g of NesquikTM

\_\_\_\_\_\_\_ g of powdered milk

\_\_\_\_\_\_\_ g of creamer

\_\_\_\_\_\_\_ tsp total

1. What constant should the mass of each ingredient be multiplying by to yield exactly 1 fluid ounce (6 tsp) of powdered cocoa mix?
2. Write a recipe to a total volume of a pint (16 fluid ounces) of powdered hot cocoa. (Note that a pint is 96 tsp.)

\_\_\_\_\_\_\_ g of NesquikTM

\_\_\_\_\_\_\_ g of powdered milk

\_\_\_\_\_\_\_ g of creamer