*Problem Solving with Ratios, Proportion, and Percent*

1) Chandra made a milkshake by mixing 1/2 cup of ice cream with 3/4 cup of

 milk. How many cups of ice cream and milk should Chandra use if she

 wants to make the same milkshake with the following amounts:

 (a) using 3 cups of ice cream

 (b) to make 3 cups of milkshake

2) Russell was supposed to mix 3 tablespoons of weed killer concentrate with 13/4 cups of

 water to make a weed killer. By accident, Russell put in an extra tablespoon of weed

 killer concentrate. How much water should Russell add to his mixture to correct for his

 mistake?

3) A restaurant server received a $7 tip on a meal he served. If this tip represents 20% of

 the cost of the meal, then how much did the meal cost?

4) Skateboard Problems from *Progressions for the Common Core State Standards in*

 *Mathematics*, 6-7, Ratios and Proportional Reasoning



*Skateboard Problem 1*: After a 20% discount, the price of a SuperSick

skateboard is $140. What was the price before this discount?

*Skateboard Problem 2*: A SuperSick skateboard costs $140 now, but its price will go up by 20%. What will the new price be after the increase?