

6.RP Sweet Tea

Task

- a. If you have a cup of tea, will it be sweeter if you add one teaspoon of sugar or two?
- b. If you have two identical cups of tea and add one teaspoon of sugar to each, they will taste the same.
 - i. If you pour both cups into a larger container and mixed them thoroughly, will the result taste the same or different?
 - ii. How many cups of tea are in the mixture? How many teaspoons of sugar are in the mixture?
 - iii. If you mix two cups of tea with two teaspoons of sugar, will it taste the same or different as one cup of tea with one teaspoon of sugar?
- c. A small pitcher contains 4 cups of tea and 2 teaspoons of sugar. A large pitcher contains 6 cups of tea and 4 teaspoons of sugar. Will the tea in the large pitcher be more, less, or have the same sweetness as the tea in the small pitcher? Explain and draw a picture to illustrate.

