

1-33. They each have the same amount of the other girl's item. However, it is not likely that students will make this conjecture at this point. See the "Suggested Lesson Activity" and "Mathematical Background" sections of the lesson notes for likely responses and reasoning.

1-34. See below:

- a. In each case, the number of red beans in the white is the same as the number of white beans in the red. See the "Suggested Lesson Activity" for examples of student reasoning.
- b. Yes, the exchanges would still be equal amounts. In each case, the number of red beans mixed into the cup of white beans will be equal to the number of white beans mixed into the red ones.
- c. Students should conclude that Polly has the same number of Rowena's raisins as Rowena has of Polly's peanuts.