

26. STRAWBERRY DELIRIUM

Betty, Al, Jose, and Linda drove to the strawberry patch and picked 154 quarts of strawberries. Betty picked the most strawberries. She picked four more quarts than Al, seven more than Jose, and 11 more than Linda. The charge for all the strawberries was \$192.50. Betty knew that her share would be the most, but nobody knew exactly how much to pay. Calculate the fair share for each person.

Hint 1

Change the question to, "How many quarts did each person pick?"

Hint 2

Change the information given to make each person pick as many quarts of strawberries as the person who picked the most.

Hint 3

Solve a simplified related problem. For example, if 15 quarts of strawberries were picked altogether and Greg picked one quart more than Ann and two quarts more than Sam, how many quarts did each person pick? What is a simple rule for obtaining your solution?

ANSWER: Betty - \$55.00, Al - \$50.00, Jose - \$46.25, Linda - \$41.25.