

The Cost of Thanksgiving Dinner

Bill and Betty Thompson are hosting Thanksgiving dinner at their house this year. Consider the following information, and answer the questions about the cost and amount of food they will need in preparation for Thanksgiving dinner.

Eight adults and ten children will be present at the dinner. If every adult eats $\frac{1}{2}$ of a pound of turkey, and every child eats $\frac{1}{10}$ of a pound of turkey . . .

1. What is the least amount of turkey the Thompson's will need to feed everyone? _____
2. If the turkey costs \$1.25 per pound, what is the least amount of money the turkey will cost to feed the Thompson family? _____
3. Betty Thompson has a recipe for a cheese squash casserole that serves six people. Beside the ingredients below, write the amount of each ingredient she will need to feed her guests.

Recipe for Six

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|-----------------------------------|--|
| • 6 cups sliced zucchini | • 1 $\frac{1}{2}$ cups shredded cheese |
| • 2 beaten eggs | • 6 slices bacon |
| • 1 $\frac{1}{2}$ cups sour cream | • 1 tablespoon butter |
| • 2 tablespoons all-purpose flour | • $\frac{1}{4}$ cup dry bread crumbs |
| • 2 stiffly beaten egg whites | |

Recipe for _____

- | | |
|--|--------------------------------------|
| • _____ cups sliced zucchini
(a) | • _____ cups shredded cheese
(f) |
| • _____ beaten eggs
(b) | • _____ slices bacon
(g) |
| • _____ cups sour cream
(c) | • _____ tablespoons butter
(h) |
| • _____ tablespoons all-purpose flour
(d) | • _____ cups dry bread crumbs
(i) |
| • _____ stiffly beaten egg whites
(e) | |

4. The total cost of the Thanksgiving meal is \$120. The children are responsible for 48% of the total cost of the meal.
 - a. What is the total cost of the food for the children? _____
 - b. What is the cost for each individual child? _____
 - c. What is the total cost for the adults? _____
 - d. What is the cost for each individual adult? _____
 - e. The desserts account for $\frac{1}{5}$ of the total cost. How much do the desserts cost? _____