

THE DELI

The prices of some commonly purchased deli items are shown below:

Bologna	\$2.59/pound
Salami	\$2.29/pound
American Cheese	\$1.89/pound
Turkey Breast	\$3.49/pound

1. You need three-quarters of a pound of salami and a half-pound of turkey breast. You only have \$6 with you. Assuming there is no tax on these items, explain how you know you do or do not have enough money for the salami and the turkey.
2. You order $1\frac{3}{4}$ pounds of American cheese. The clerk slices the cheese, puts it on the scale and the scale shows 1.34 pounds. Explain what you would say to the deli clerk to be sure you get the right amount of cheese.
3. Your grandmother is on a strict diet that limits her to 3 ounces of cheese per day. You know that there are 20 slices of American cheese in one pound and that there are 16 ounces in a pound. Write what you could say to your grandmother to explain to her exactly how many slices of cheese she could eat each day.

[Source: A Guide to K-12 Program Development in Mathematics, State of Connecticut]