2.11 Tarzan II

Tarzan is back at the cash register. This time it is more complicated, since he is just learning how to enter sales tax, and what's more, he has added in some items that you didn't want to buy. Explain what properties of operations would prevent normal cashiers from making his statements.

1. Would you like me to tax each item separately, or should I just compute tax on your total? I am sure one of these options will be much better for you.

2. This item gets a yellow tag – that means you get half off. Would you like me to compute the discount before I ring up the tax, or would you rather I add the tax and then give you a discount on the total including tax?

3. I'm so sorry I rang up $100 worth of items you don't want. Please wait while I subtract each one separately to see by how much your total will be reduced.