Collaborating Coupons

Act 1

Act 2

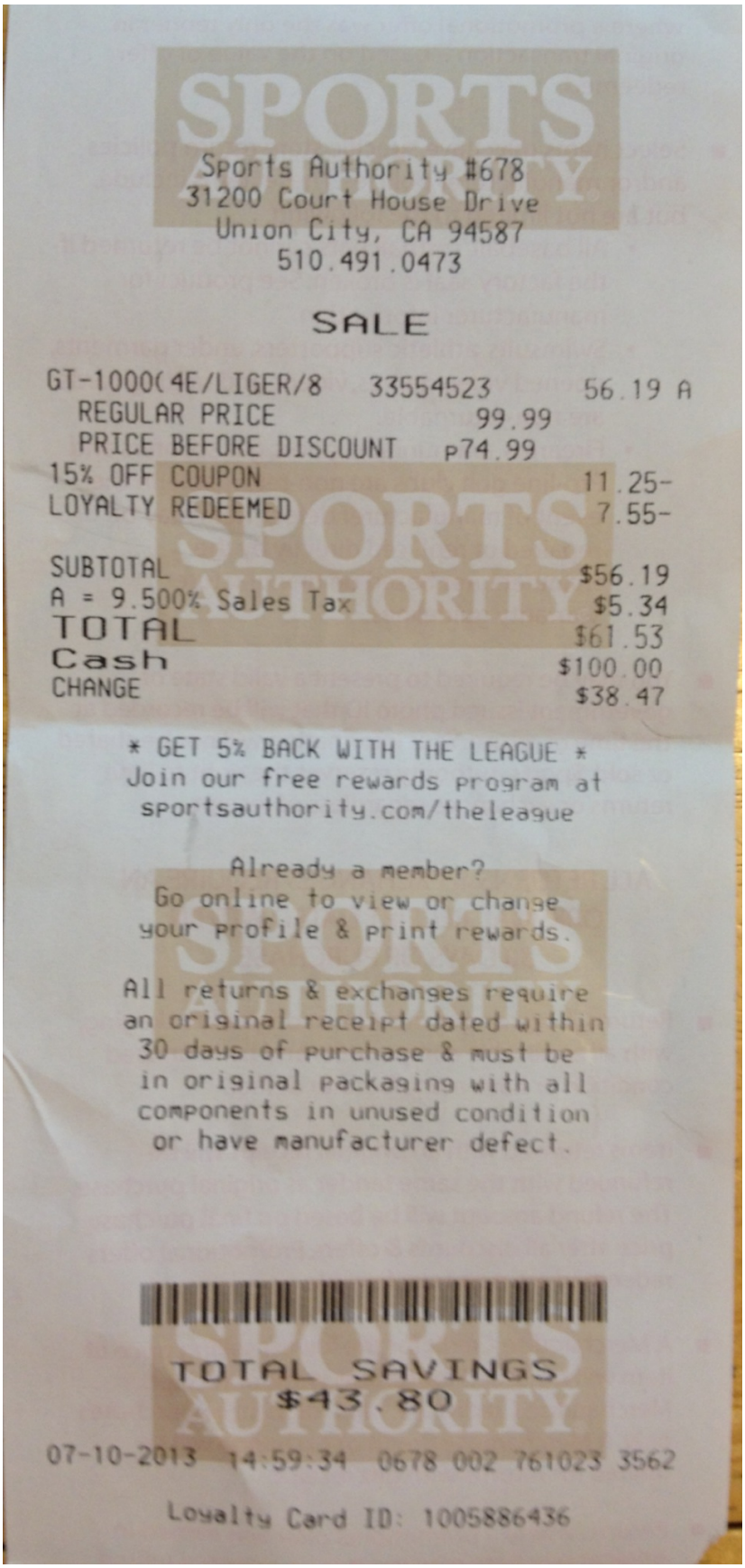
What other information do you need?

- Sales tax in Union City, Ca (summer of 2013) was 9.5%
- Sports Authority allowed me to apply all three discounts

Additional information you may choose to give

- The discounts were applied individually in an order that resulted in the lowest possible cost. I don't give this information. Instead I ask what their group to come up with a proposal for what they would charge for the shoes.

Act 3



Sports Authority #678
31200 Court House Drive
Union City, CA 94587
510.491.0473

SALE

GT-1000(4E/LIGER/8	33554523	56.19 A
REGULAR PRICE	99.99	
PRICE BEFORE DISCOUNT	P74.99	
15% OFF COUPON		11.25-
LOYALTY REDEEMED		7.55-
SUBTOTAL		$56.19
A = 9.500% Sales Tax		$5.34
TOTAL		$61.53
Cash		$100.00
CHANGE		$38.47

* GET 5% BACK WITH THE LEAGUE *
Join our free rewards program at
sportsauthority.com/theleague

Already a member?
Go online to view or change
your profile & print rewards.

All returns & exchanges require
an original receipt dated within
30 days of purchase & must be
in original packaging with all
components in unused condition
or have manufacturer defect.

TOTAL SAVINGS
$43.80

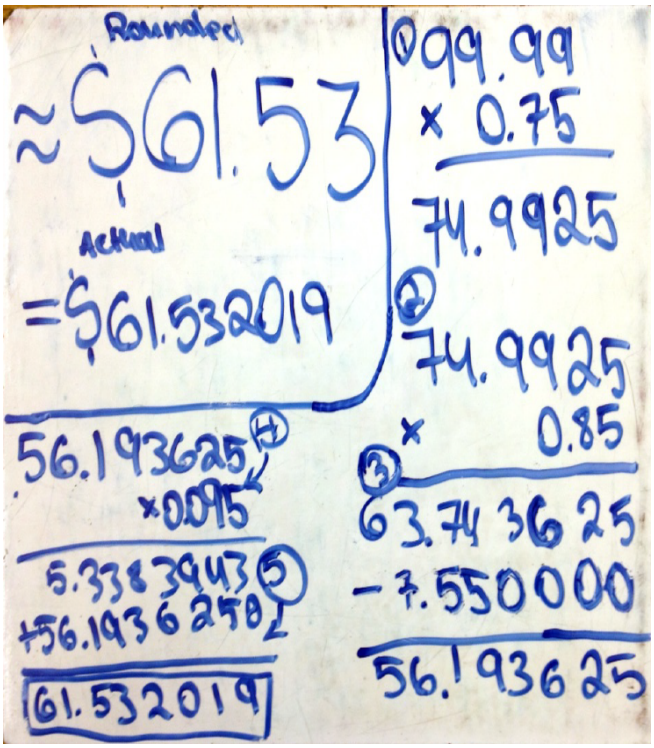
07-10-2013 14:59:34 0678 002 761023 3562

Loyalty Card ID: 1005886436

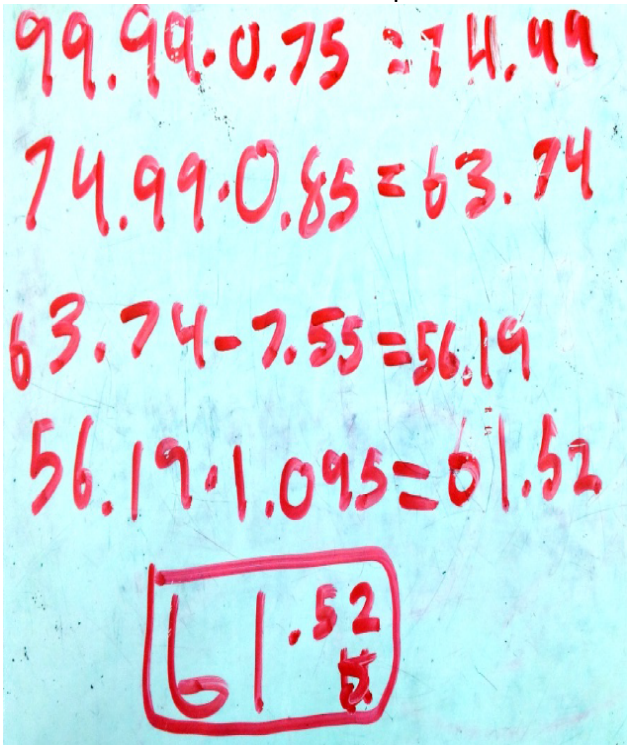
Student work

The responses led to great discussion about methods, order, precision, applying the two percent discounts (can you add them? does order matter?) and revising work.

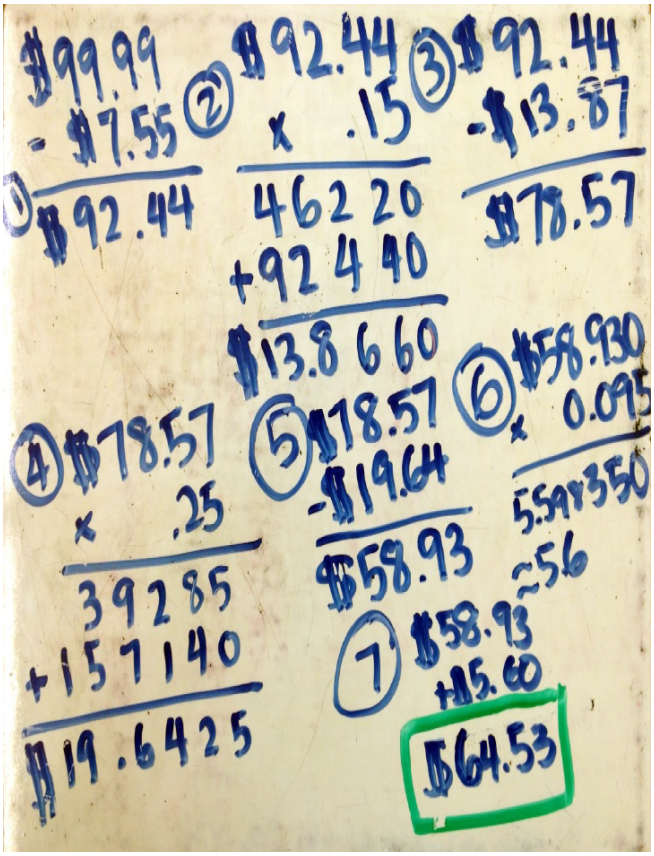
Some groups matched the receipt

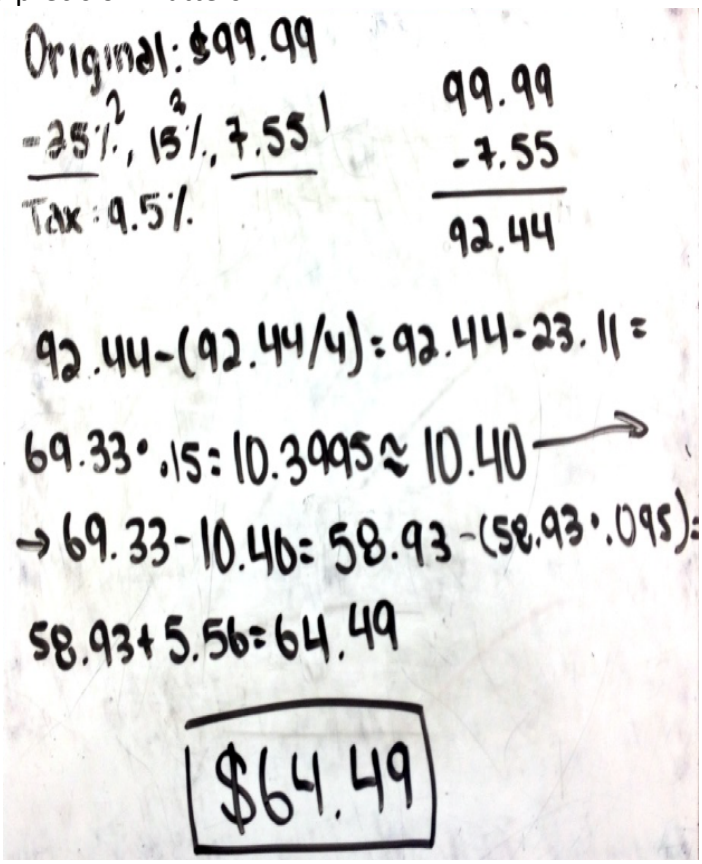


…or almost matched the receipt

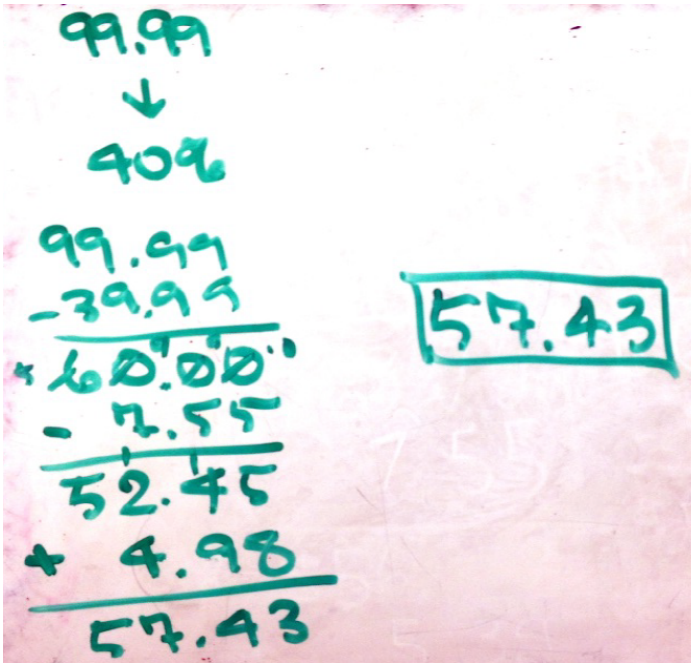


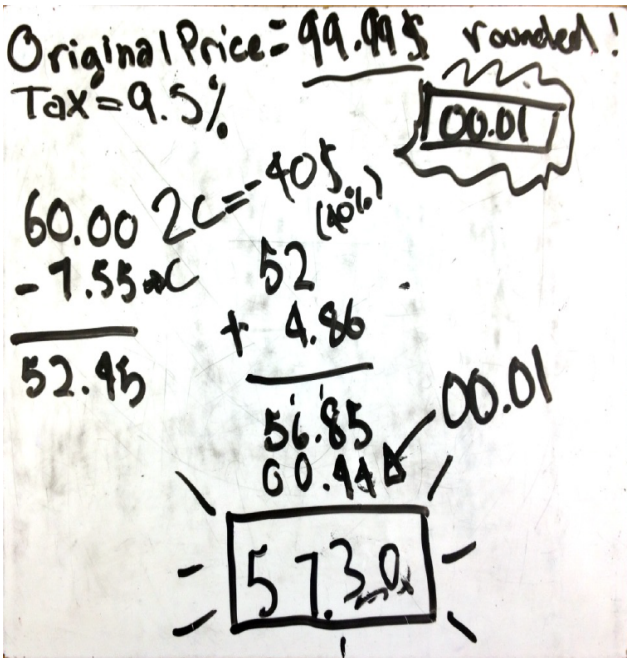
Some groups subtracted the loyalty reward first and precision matters





I am going to buy my shoes at this group's store. They combined the percent. They also had a great argument about whether they could add a penny at the start and then subtract it back at the end. I wanted to intervene and suggest they try both ways but that would have killed their discussion. The class discussed that idea during presentations. Why is there a 13 cent difference? Precision?





There was another order to consider and related precision. Is it possible that the 22 cent difference is due to precision of decimals?