



Problem of the Week

Problem B

What A Sale!

The window of a store advertises that it is holding a sale. The new salesperson puts up the sign in the window on clear plastic, so it can be seen from both sides of the glass. From inside the store it reads:

SALE. ENJOY

18

% OFF

Amanda, a very smart shopper, selects a sweater with a regular price of \$50.

- What does the store expect Amanda to pay for the sweater?
- Amanda was looking at the sign from outside the window. What does Amanda expect to pay for the sweater?
- If the store grants Amanda the discount she saw from the outside, how much more will Amanda save than the store expected her to save?

