Name Date

Enrichment and Extension

6.6

Would You Get the Job?

You are applying for a job selling electronics. The interviewer asks you to answer the following questions in order to prove that you would be able   
to do your job effectively.

1. A customer is purchasing last year's version of the Football Mania video game, which was originally $55. It is on a sale rack that says 60% off.   
The customer has a coupon for 30% off his entire purchase. He incorrectly says, "I can't believe I'm getting this for 90% off!"

a. Find the cost of the video game after the coupon.

b What would be the cost of the video game at 90% off?

c. How would you explain to the customer that he is not getting 90% off?

2. Your boss has decided to make room for new models of digital cameras   
by discounting old models. In order to sell them quickly, she wants to sell them at the store's original cost before markup. She asks you to change the price tags and make signs with the percent of discount. Knowing that the store's percent of markup on digital cameras is 40%, a co-worker suggests that you just mark them down by 40%.

a. How would you explain to your co-worker that the store would actually lose money if you did this?

b. The original price of a camera is $175.50. What was the store's original cost on this camera?

c. What percent off will you write on the sign in order to sell this camera at cost? Round to the nearest percent.

3. If a customer brings an ad that shows a competitor is selling an item for less, you are permitted to match the competitor's price as long as the percent of discount is 15% or less.

a. The newest Blu-ray disc player is listed at $307.99. You notice on   
your way to work that the same player is for sale at another store   
for $298.79. Would you be allowed to match this store's price if   
asked? Explain.

b. The store sells a wireless Internet router for $74.75. A customer   
has printed out a page from the Internet that shows the same router   
for $59.97 plus 5% shipping and handling. Can you match this   
price? Explain.