Name _____ Date _____

Unit Prices and Comparison Shopping: Is Bigger Always Cheaper?

Directions: Use the grocery prices Omar collected to work out unit prices and total package costs for each comparison. Give every answer as a number only, in the unit named beside the answer box.

Omar's Grocery Prices

Prices Omar collected for two sizes of breakfast cereal and two sizes of peanut butter at one grocery store. Each size is the net weight of the food inside the package, not including the packaging.

Product	Package size	Net weight (ounces)	Price (dollars)
Breakfast cereal	Small box	12	3.60
Breakfast cereal	Large box	20	5.00
Peanut butter	Small jar	16	4.00
Peanut butter	Large jar	48	13.44

1. Dividing the price by the net weight, what is the unit price of the small box of cereal, measured in cents per ounce?

_____ cents per ounce

2. What does one ounce of cereal cost in the large box, expressed as a unit price in cents per ounce?

_____ cents per ounce

3. Omar needs 60 ounces of cereal. How many more dollars would he pay for five small boxes than for three large boxes?

_____ dollars

4. Each of these terms comes up when shoppers compare grocery prices, so match every term with the meaning that describes it.

Write the letter of the matching answer on each line.

1. _____ Unit price
2. _____ Net weight
3. _____ Comparison shopping
4. _____ Store brand

Choices for question 4

A. What a single ounce, pound or other measure of a product costs

B. How much the food itself weighs, leaving out the box or jar

C. The price of an item after sales tax has been added

D. A product sold under the grocery store's own name instead of a national brand

E. Examining the costs of similar items before deciding what to purchase

5. When the two peanut butter jars are compared by unit price, which jar costs less per ounce, and by how much?

A. The large jar costs less, by 3 cents per ounce

B. The large jar, because bigger packages always cost less per ounce

C. The two jars cost exactly the same per ounce

D. The small jar costs less, by 3 cents per ounce

6. To get 48 ounces of peanut butter altogether, how many dollars would Omar save by purchasing three small jars instead of one large jar?

_____ dollars

7. Considering the cereal comparison and the peanut butter comparison together, what do Omar's results demonstrate about package sizes?

A. The package with the lower total price always costs less per ounce.

B. A bigger package can cost less per ounce, but not always, so checking the unit price shows which costs less.

C. Bigger packages always cost less per ounce than smaller packages.

D. Smaller packages always cost less per ounce than bigger packages.

8. A store coupon takes $1.20 off one small box of cereal. With the coupon, what is that box's unit price in cents per ounce?

_____ cents per ounce