

# 2.1 Unit Prices

- ▶ Find the unit price of an item.
- ▶ Compare the unit prices of two or more items.
- ▶ Find the annual cost of an item.

### Unit Prices

The **unit price** of an item is the cost per pound, quart, or other unit of weight or volume. It is often posted on the shelf tag below the item, along with the item price.





\$2.75 Item price

\* **North Coast Co-op** \*  
 ARROWHEAD MILLS  
 CORN GRITS - Organic Yellow  
 07433338525 **00179** 12

24 OZ Total units

0.11/OZ Unit price

### Finding a Unit Price

To find a unit price, divide the item price by the total number of units.

$$\text{Unit price} = \frac{\text{item price}}{\text{total units}}$$

#### EXAMPLE 1 Finding a Unit Price

Check that the unit price shown above is correct.

#### SOLUTION

$$\begin{aligned} \text{Unit price} &= \frac{\text{item price}}{\text{total units}} \\ &= \frac{\$2.75}{24 \text{ oz}} \approx \$0.1146 \end{aligned}$$

Rounded to the nearest cent, the unit price is \$0.11 per ounce.

#### ✔ Checkpoint

Help at [Math.andYOU.com](http://Math.andYOU.com)

Find the unit price of each item.



\$853.65 for 8 oz



\$119 for 1.7 fl oz



\$10.50 for 8 oz