

# Unit Price

The cost of one unit; a rate expressed as a fraction in which the denominator is 1.

\*\*\* allows you to compare prices and determine the 'best buy'

EX: Five MVHS T-shirts cost \$40. The unit price is :

$$\frac{\$40.00}{5} = \$8.00$$



# Unit Rate

The rate or cost for one item or unit.

EX: Lay's chips can produce 25 000 bags of chips in a regular 8 hour shift. The unit rate is:

$$\frac{25\,000}{8} = 3125 \text{ bags/hour}$$

## Exampe #1:

Shoppers has a sale on Sunday where you can buy six 710 mL of pop for \$1.99. Calculate the unit price of 1 pop.



$$\frac{\$1.99}{6} = \$0.33/\text{pop}$$

**Example 2:**

Shortcake picks fresh strawberries at a U-pick farm in Derby. If she fills a pint basket (0.5506 litres), it cost her \$1.50. If she fills a 4-litre ice cream pail, it will cost \$10.00.



Which size of container will give her a better buy?

$$\frac{\$1.50}{0.5506\text{ l}} = \$2.724/\text{l}$$

$$\frac{\$10}{4\text{ l}} = \$2.50/\text{l} \checkmark \text{ better buy}$$

**HOMEWORK...**

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