



Unit Price



Remember !!

Price \$ \$

Unit 1



Example 1: Rosa buys supplies for the town in Montague, Prince Edward Island, where she works as a clerk. She wants to buy pens. The supplier sells a box of 12 pens for \$6.25. Calculate the unit price of 1 pen.

Price
Unit

$$= \frac{\$6.25}{12 \text{ pens}}$$

$$= \frac{\$0.52}{1 \text{ pen}}$$

$$= \$0.52 / \text{pen}$$

Example 2:

Claire picks fresh strawberries at a U-pick farm in Deep Bight, Newfoundland. [She sells a pint basket (0.5506 litres) at a cost of \$1.50.] [If she sells a 4-litre ice cream pail at a cost of \$9.00,] which size of container will be the better buy?

	Pint Basket
	\$ $\frac{\text{Price}}{\text{Unit}}$
=	$\frac{\$1.50}{0.5506L}$
=	$\frac{\$2.72}{1L}$
=	$\$2.72/L$

	4-litre Pail
	\$ $\frac{\text{Price}}{\text{Unit}}$
=	$\frac{\$9.00}{4L}$
=	$\frac{\$2.25}{1L}$
=	$\\$2.25/L$

The 4 Litre bucket is the better buy.



Unit Rate

The rate or cost for one item or unit.

Example:

A factory manager knows that he can produce 24 000 JMH mugs in an 8 hour shift. How many can he produce in just 1 hour?

The unit rate is:

$$= \frac{24000 \text{ mugs}}{8 \text{ hr}}$$

$$= \frac{3000 \text{ mugs}}{1 \text{ hr}}$$

$$= 3000 \text{ mugs / hr}$$



Pages 26 and 27.
Questions 1 to 7.

