1.2 Unit Price

Guided Notes

Unit Price is how much I thing costs eg \$3 for 1 cookie

Unit Rate is how much I thing is eq. 50 km/h

Why is it important to consider unit price and rate?

-a way to compare cost of food

Examples:

Rosa buys supplies for the hamlet office in Arviat, Nunavut 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.



$$\frac{$6.25}{12 \text{ pens}} = \frac{x}{1 \text{ pen}}$$

$$\chi = 52^{\circ} \text{ or } \chi = 50.52$$

2. A 200g bag of chips cost \$1.00. A 750 g bag of chips costs \$2.70. Which size is the better value?

$$\frac{2009}{$1} = \frac{1009}{x}$$

$$x = $0.50$$

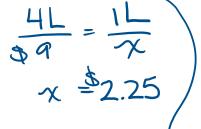
$$5\frac{7509}{2.70} = \frac{1009}{x}$$

 $x = 0.36

3. Claire picks fresh strawberries at a U-pick farm in Portage la Prairie, Manitoba. If she fills a pint basket (0.5506 litres), it will cost her \$1.50. If she fills a 4 litre ice cream pail, it will cost \$9.00. Which size of container will give her a better buy? What else might Claire have to take into consideration when making her purchase?

$$\frac{0.5506L}{\$1.50} = \frac{1L}{x}$$

$$y = \$2.72$$





4. Shirin is the manager of a fabric store and is training a new employee. Shirin wants to make an easy reference chart that lists the prices of different lengths of a fabric. One metre of the fabric costs \$8.42. Fill in the rest of the chart.

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Fabric Cost by Length		
Length of Fabric	Cost of Fabric	210:2
0.5 m	\$4.21	D 8.42-2
1 m	\$8.42	1750
1.75 m	54.74	$8\frac{1m}{8.42} = \frac{1.75m}{x}$
		x= \$14.74