



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

Example:

Five JMH mugs cost \$15.25.

The unit price is:

 $\frac{$15.25}{5}$ = \$3.05/mug

Remember!!

Price Units

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.

$$\frac{19}{19} = \boxed{\text{6.35}}$$

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?



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:

 $\frac{24\ 000}{100} = 3000 \ \text{mugs/h}$



Pages 26 and 27. Questions 1 to 7.



Proportional Reasoning	
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