



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 Unit

Example 1:



Rosa buys supplies for the town of Montague, Prince Edward Island, where see 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

**6.25** 12

= \$0.52/pen

Example 2: Claire picks for crawberrie at a U-pick farm in Doop Picks of the control of the cont

in Deep Bight New yadtene Tshe fills a pint basket (0.5306 littes) it will cost her \$1.50. If she fills a 4-litre ice cream pall, it will cost \$9.00.

Which size of contained will give her a better buy?

**4-litre Pail** 

Pint Basket
Price
Unit

<u>rice</u> <u>Price</u> nit Unit

 $\begin{array}{c}
 1.50 \\
 \hline
 0.5506
 \end{array}$   $\begin{array}{c}
 9.00 \\
 4
 \end{array}$ 

= \$2.72/litre = \$2.25/litre



## **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:

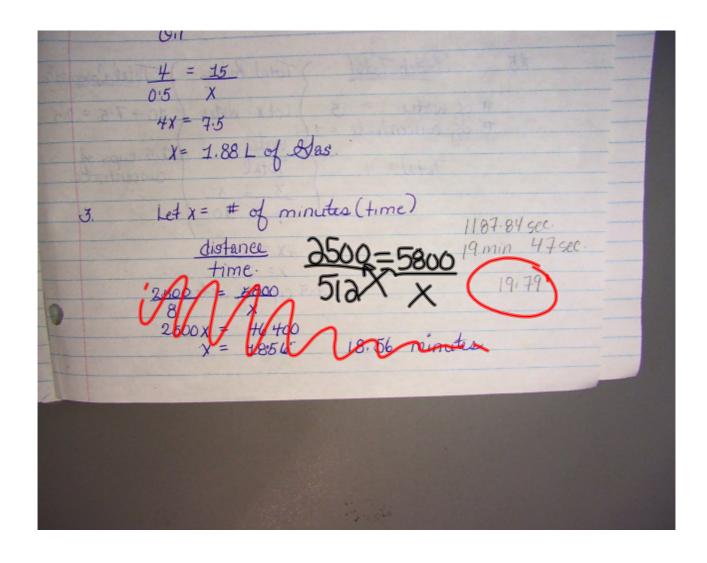
 $24\ 000 = 3000 \text{ mugs/h}$ 

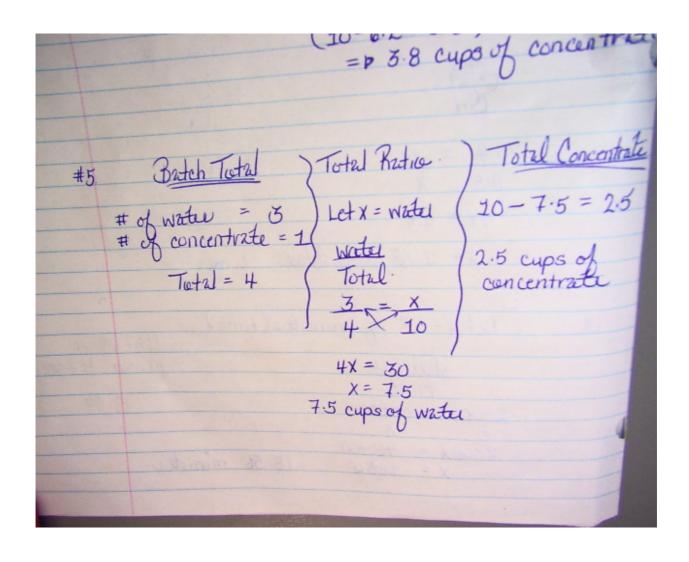


# Pages 26 and 27. Questions 1 to 7.



	oportional Reasoning	4 6
1	Let X = # of minutes	
	Words minutes	
	minu w	
	105 = 3200	
	x 1 x	
	105X = 3200	
	X = 30.5 words	
-	A Co.o Wedge	
طيال	Let x = Oil	3
2.	Let X = Oil	7:1
0	9/29 0:1	41
	Oil	
	4 = 15	
-	0.5 X	
101	41 = 7.5	75





#6.	(a) Let x = Qi	L.	12 0001	8#
	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	Jas_			
	Oil.			
	25 = 5			
	3 X			
	25x = 15			
	X= 0.6		1.	
		-		1 = 1 = 1
(b)			Total Ratice	
	Liters of Shs = Liters of Oil =	251	let v = this	3-27=0
	Liters of Oil =	3 L	Let A Gin	
				* 0.31 0/0
	Total =	281		
			25 = X	-
		-	28 3	
			28X = 75 $X = 2.7$	1

$$28 \times 3$$

$$28X = 75$$

$$X = 2.7 L$$

$$2.7 L of Sas$$

$$2.$$

