Unit - Ratios and Proportions

Determine the Unit Rate

By the end of this lesson you will be able to			·					
Example 1 - You have read 10 pages in 6 minutes. What is your unit ra	te per minute:	>						
What is a rate?								
What is a unit rate?								
What two quantities are being compared in this problem? Write the ratio as a fraction.								
Fractions represent which of the four math operations?								
[Show your work for solving for the unit rate here]	What can you do?							
Write your answer as a complete sentence. Example 2 - The Morning Times is looking to hire a new receptionist.								
An important skill required for the job is to have a fast typing speed. Fill in the table that lists the information for the three potential	Candidate	Number of Words	Time (Min)					
candidates for the job. Which of the three has the fastest rate?	Julie							
[Show your work for solving for the unit rate for each candidate]	Shelly							
Julie -	Marcel							
Shelly -	Write your an	swer as a comple	te sentence.					
Marcel -								

Example 3 - You spent \$ on your last fill up what is the unit price?	o at the gas station. If you put in gallons,
What is a unit price?	
What two quantities are being compared in this problem? Wr	rite the ratio as a fraction.
[Show your work for solving for the unit rate here]	
Write your answer as a complete sentence.	
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Example 4 - You are browsing through the Sunday ads frozen meals 3 for \$ while another store offering the best unit price?	
What two quantities are being compared in this problem?	
Write the ratio for Store A as a fraction. [Show your work for solving for the unit rate here]	Write the ratio for Store A as a fraction. [Show your work for solving for the unit rate here]

Which store has the better buy? Write your answer as a complete sentence.

Your Turn to Practice

Fill in	the blanks with the values from the vi	ideo.				
Find t	he unit rate or unit price for each que	stion below.				
1)	You can run around the track	times in m	ninutes. Who	it is your pace?		
2)	The Garibaldi Family traveled hour?	miles in	hours. How	many miles were	e they able :	to cover in :
3)	A 5 - pack of gum costs \$. How much is each	pack if sold	individually?		
4)	June bought an 8-slice pizza for \$_was the better deal?	Hank bo	ought a 10 sl	ice pizza for \$_		Whose pizzo