

Math 6 - Unit 2: Ratios, Rates and Proportions


Name: _____

Unit Rates – What's the Better Buy

Class Period: 1 2 3 4 Date: _____

For each problem, find the unit rate, then state which is the better buy. Round answers as needed.

ITEMS		FIND THE UNIT RATE		WHICH IS THE BETTER BUY?
Jif Peanut Butter		Example		18 oz jar
 18 oz - \$4.75	 40 oz - \$11.29	$\frac{18 \text{ oz jar}}{\$4.75} = \frac{\$0.26}{18 \text{ oz}}$	$\frac{40 \text{ oz jar}}{\$11.29} = \frac{\$0.28}{40 \text{ oz}}$	
Ketchup				
 32 oz - \$3.29	 24 oz - \$2.59			
AA Batteries				
 8 Batteries \$17.99	 4 Batteries \$9.99			
Tissues				
 Kleenex 100 Tissues \$1.99	 Puffs 60 Tissues \$1.79			
Shampoo				
 Pantene 12.6 oz \$4.99	 Clairol 10.2 oz. \$3.49			

Coke				
 12 cans \$10.20	 6 cans \$3.18			
Pens				
 36 pens \$6.12	 240 pens \$26.40			
Notebooks				
 6 Notebooks \$8.94	 12 Notebooks \$19.92			
Highlighters				
 36 Highlighters \$19.08	 12 Highlighters \$5.52			
Pita Chips				
 7.33 oz \$3.00	 18 oz. \$6.48			

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ANSWER KEY

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ITEMS		FIND THE UNIT RATE		WHICH IS THE BETTER BUY?
Jif Peanut Butter		Example		
 18 oz - \$4.75	 40 oz - \$11.29	$\frac{\$4.75}{18 \text{ oz}} = \frac{\$0.26}{1 \text{ oz}}$	$\frac{\$11.29}{40 \text{ oz}} = \frac{\$0.28}{1 \text{ oz}}$	18 oz jar
Ketchup				
 32 oz - \$3.29	 24 oz - \$2.59	\$0.10/oz	\$0.11/oz	32 oz bottle
AA Batteries				
 8 Batteries \$17.99	 4 Batteries \$9.99	\$2.25/battery	\$2.50/battery	8 battery pack
Tissues				
 Kleenex 100 Tissues \$1.99	 Puffs 60 Tissues \$1.79	\$0.02/tissue	\$0.03/tissue	Kleenex
Shampoo				
 Pantene 12.6 oz \$4.99	 Clairol 10.2 oz. \$3.49	\$0.37/oz.	\$0.34/oz.	Clairol

Coke				
 12 cans \$10.20	 6 cans \$3.18	\$0.85/can	\$0.53/can	6 cans
Pens				
 36 pens \$6.12	 240 pens \$26.40	\$0.17/pen	\$0.11/pen	240 pens
Notebooks				
 6 Notebooks \$8.94	 12 Notebooks \$19.92	\$1.49 per notebook	\$1.66 per notebook	6 notebooks
Highlighters				
 36 Highlighters \$19.08	 12 Highlighters \$5.52	\$0.53 per highlighter	\$0.46 per highlighter	12 highlighters
Pita Chips				
 7.33 oz \$3.00	 18 oz. \$6.48	\$0.41 per oz.	\$0.36 per oz.	18 oz. bag