# 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**<br><br>18 oz - $4.75    40 oz - $11.29 | *Example*<br><br>18 oz jar<br>$$\frac{\$4.75}{18\ oz} = \frac{\$0.26}{1\ oz}$$ | 40 oz jar<br>$$\frac{\$11.29}{40\ oz} = \frac{\$0.28}{1\ oz}$$ | 18 oz jar |
| **Ketchup**<br><br>32 oz - $3.29    24 oz - $2.59 | | | |
| **AA Batteries**<br><br>8 Batteries $17.99    4 Batteries $9.99 | | | |
| **Tissues**<br><br>Kleenex 100 Tissues $1.99    Puffs 60 Tissues $1.79 | | | |
| **Shampoo**<br><br>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**

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** <br> 18 oz - $4.75 <br> 40 oz - $11.29 | Example <br><br> 18 oz jar <br> $\dfrac{\$4.75}{18\ oz} = \dfrac{\$0.26}{1\ oz}$ | 40 oz jar <br> $\dfrac{\$11.29}{40\ oz} = \dfrac{\$0.28}{1\ oz}$ | **18 oz jar** |
| **Ketchup** <br> 32 oz - $3.29 <br> 24 oz - $2.59 | **$0.10/oz** | **$0.11/oz** | **32 oz bottle** |
| **AA Batteries** <br> 8 Batteries $17.99 <br> 4 Batteries $9.99 | **$2.25/battery** | **$2.50/battery** | **8 battery pack** |
| **Tissues** <br> Kleenex 100 Tissues $1.99 <br> Puffs 60 Tissues $1.79 | **$0.02/tissue** | **$0.03/tissue** | **Kleenex** |
| **Shampoo** <br> Pantene 12.6 oz $4.99 <br> 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 |