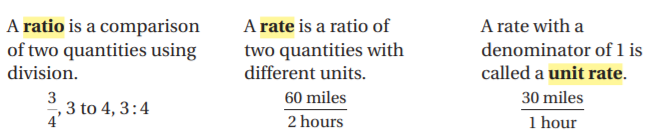
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_ Date:\_\_\_\_\_

**5.1B Unit Rates\_Classwork**

*Objective: find ratios and rates involving ratios of fractions. CC.SS.7.RP.1 and CC.SS.7.RP.3*

*HW: 5.1B worksheet*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **WARM-UP**  Write the ratio as a fraction in simplest form.   |  |  | | --- | --- | | 1. 25 feet to 45 feet | 1. 35 girls : 15 boys |  |  |  | | --- | --- | | 1. 150 miles in 3 hours | 1. $5.50 for 5 pounds | |



**Find the Unit Rate**

|  |  |  |
| --- | --- | --- |
| 1.  180 miles in 3 hours | 2.  256 miles per 8 gallons | 3.  $9.60 for 4 pounds |
| 4.  $74.75 for a 5 gal gloss white paint | 5.  $1.19 for a 12 oz grape juice | 6.  $2.35 for a dozen egg |

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|  |  |
| --- | --- |
| 7.  Use the ratio table to find the unit rate with the specified units.  Servings per package | 8.  Use the ratio table to find the unit rate with the specified units.  Feet per year |
| 9.  A Sports store sells three different packs of tennis balls. Which pack is the best buy? Explain. | |