

Unit Rate

Name: _____

A Unit Rate is a rate with a denominator of one. To change a rate to a unit rate, **divide** the numerator by the denominator.

Express each rate as a unit rate. Round to nearest tenth if needed.

1. 3645 miles in 7 hours	2. 50 yards in 6.4 seconds																														
3. 210 words in 6 minutes	4. 232 students in 8 classes																														
5. 5 inches of rain in 3 days	6. 816 calories in 12 servings																														
7. 30 math problems in 52 minutes	8. 225 skittles in 4 bags																														
<p>9. The table below shows the number of teachers and the number of students at each of four middle schools. Which school has the most students per teacher?</p> <table border="1" data-bbox="207 1136 833 1320"> <thead> <tr> <th>School</th> <th>Teachers</th> <th>Students</th> </tr> </thead> <tbody> <tr> <td>Edgewood</td> <td>34</td> <td>840</td> </tr> <tr> <td>Fairport</td> <td>40</td> <td>675</td> </tr> <tr> <td>Wells</td> <td>31</td> <td>604</td> </tr> <tr> <td>Randal</td> <td>28</td> <td>578</td> </tr> </tbody> </table>	School	Teachers	Students	Edgewood	34	840	Fairport	40	675	Wells	31	604	Randal	28	578	<p>10. Jake, Kylie, Gabe, and Curran took various road trips over the weekend. Whose car get the most miles per gallon?</p> <table border="1" data-bbox="862 1062 1490 1285"> <thead> <tr> <th>Name</th> <th>Gallons used</th> <th>Miles driven</th> </tr> </thead> <tbody> <tr> <td>Jake</td> <td>14</td> <td>225</td> </tr> <tr> <td>Kylie</td> <td>15</td> <td>312</td> </tr> <tr> <td>Gabe</td> <td>10</td> <td>315</td> </tr> <tr> <td>Curran</td> <td>16</td> <td>456</td> </tr> </tbody> </table>	Name	Gallons used	Miles driven	Jake	14	225	Kylie	15	312	Gabe	10	315	Curran	16	456
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Express each rate as a unit rate. Round to the nearest cent when necessary.

11. \$9.40 for 5 cans of soup	12. a box of 210 tissues for \$3.19
13. 15 gallons of gas for \$31.35	14. \$113.40 in 12 hours
15. 8 movies tickets for \$63.60	16. a 1500 square foot house for \$119,000
17. a case of 24 bottles of water for \$4.99	18. 2.8 ounces of jelly beans for \$2.49
19.	