
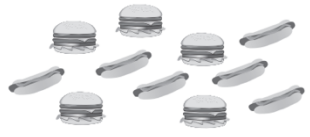


## 5.1 to 5.3 Review

Write the ratio in two ways. Explain what the ratio means.

<p>1. flies to lizards</p> 	<p>2. hamburgers to hot dogs</p> 
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<p>3. What is the ratio of flutes to instruments? Explain what the ratio means</p>	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <th style="padding: 5px;">Instrument</th> <th style="padding: 5px;">Number</th> </tr> <tr> <td style="padding: 5px;">Tubas</td> <td style="padding: 5px;">2</td> </tr> <tr> <td style="padding: 5px;">Flutes</td> <td style="padding: 5px;">5</td> </tr> <tr> <td style="padding: 5px;">Trumpets</td> <td style="padding: 5px;">3</td> </tr> </table>	Instrument	Number	Tubas	2	Flutes	5	Trumpets	3
Instrument	Number								
Tubas	2								
Flutes	5								
Trumpets	3								

<p>4. At the fair the ratio of males to females was 5:7. If there were 372 people at the fair, how many males were there? (Make a tape diagram)</p>          
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Complete the ratio table. Then write the equivalent ratios.

<p>5.</p> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <th style="padding: 5px;">Flutes</th> <th style="padding: 5px;">Clarinets</th> </tr> <tr> <td style="padding: 5px; text-align: center;">10</td> <td style="padding: 5px; text-align: center;">8</td> </tr> <tr> <td style="padding: 5px; text-align: center;">5</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px; text-align: center;">16</td> </tr> </table>	Flutes	Clarinets	10	8	5			16	<p>6.</p> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px; text-align: center;"><b>Regular</b></td> <td style="padding: 5px; text-align: center;">2</td> <td style="padding: 5px;"></td> <td style="padding: 5px; text-align: center;">32</td> </tr> <tr> <td style="padding: 5px; text-align: center;"><b>Decaf</b></td> <td style="padding: 5px; text-align: center;">3</td> <td style="padding: 5px; text-align: center;">12</td> <td style="padding: 5px;"></td> </tr> </table>	<b>Regular</b>	2		32	<b>Decaf</b>	3	12	
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<p>7. The ratio of boys to girls in student council is 7: 4. If there are 49 boys, then how many girls are in student council? (Make a ratio table)</p>          <p>What is the ratio of girls to all students?</p>
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Find the unit rate.

8. 623 heart beats in 7 minutes.	9. \$46.20 for 12 gallons	10. 364 students in 4 buses
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11. Four movie tickets cost \$26.00. How much do seven movie tickets cost?
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12. You earn \$135 dollars for mowing 9 lawns. How much do you earn for mowing 14 lawns?
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13. A donut shop made 17 donuts with frosting and 33 donuts without frosting. What is the ratio of the number of donuts with frosting to the total number of donuts?
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