

**Find the ratio and unit rate for each problem.**

- Ex) 6 hours of TV had 84 commercials 84:6 14 commercials per hour
- 1) 8 trays with 64 ice cubes _____ ice cubes per tray
- 2) 216 cherry pieces in 6 bags of candy _____ pieces per bag
- 3) 145 customers over 5 days _____ customers per day
- 4) 3 tanks with 273 fish _____ fish per tank
- 5) 41 brownies took 123 cups of fudge _____ cups per brownie
- 6) 4 boxes can hold 32 books _____ books per box
- 7) 10 classrooms with 160 students _____ students per class
- 8) 7 chocolate bars for \$14 _____ dollars per bar
- 9) 10 hours to drive 580 miles _____ miles per hour
- 10) 42 CDs with 336 songs _____ songs per CD
- 11) 3 students earned 36 dollars total _____ dollars per student
- 12) 100 customers in 10 checkout lanes _____ customers per lane
- 13) 150 points for defeating 30 enemies _____ points per enemy
- 14) 75 pints of juice in 5 containers _____ pints per container
- 15) 272 dollars for mowing 8 lawns _____ dollars per lawn

Answers

- Ex. 84:6 14
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

**Find the ratio and unit rate for each problem.**

Ex) 6 hours of TV had 84 commercials	<u>84:6</u>	<u>14</u> commercials per hour
1) 8 trays with 64 ice cubes	<u>64:8</u>	<u>8</u> ice cubes per tray
2) 216 cherry pieces in 6 bags of candy	<u>216:6</u>	<u>36</u> pieces per bag
3) 145 customers over 5 days	<u>145:5</u>	<u>29</u> customers per day
4) 3 tanks with 273 fish	<u>273:3</u>	<u>91</u> fish per tank
5) 41 brownies took 123 cups of fudge	<u>123:41</u>	<u>3</u> cups per brownie
6) 4 boxes can hold 32 books	<u>32:4</u>	<u>8</u> books per box
7) 10 classrooms with 160 students	<u>160:10</u>	<u>16</u> students per class
8) 7 chocolate bars for \$14	<u>14:7</u>	<u>2</u> dollars per bar
9) 10 hours to drive 580 miles	<u>580:10</u>	<u>58</u> miles per hour
10) 42 CDs with 336 songs	<u>336:42</u>	<u>8</u> songs per CD
11) 3 students earned 36 dollars total	<u>36:3</u>	<u>12</u> dollars per student
12) 100 customers in 10 checkout lanes	<u>100:10</u>	<u>10</u> customers per lane
13) 150 points for defeating 30 enemies	<u>150:30</u>	<u>5</u> points per enemy
14) 75 pints of juice in 5 containers	<u>75:5</u>	<u>15</u> pints per container
15) 272 dollars for mowing 8 lawns	<u>272:8</u>	<u>34</u> dollars per lawn

Answers

Ex.	<u>84:6</u>	<u>14</u>
1.	<u>64:8</u>	<u>8</u>
2.	<u>216:6</u>	<u>36</u>
3.	<u>145:5</u>	<u>29</u>
4.	<u>273:3</u>	<u>91</u>
5.	<u>123:41</u>	<u>3</u>
6.	<u>32:4</u>	<u>8</u>
7.	<u>160:10</u>	<u>16</u>
8.	<u>14:7</u>	<u>2</u>
9.	<u>580:10</u>	<u>58</u>
10.	<u>336:42</u>	<u>8</u>
11.	<u>36:3</u>	<u>12</u>
12.	<u>100:10</u>	<u>10</u>
13.	<u>150:30</u>	<u>5</u>
14.	<u>75:5</u>	<u>15</u>
15.	<u>272:8</u>	<u>34</u>