

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

	Ratio	Rate	
Ex) 5 boxes can hold 35 books	<u>35:5</u>	<u>7</u> books per box	Ex. <u>35:5</u> <u>7</u>
1) 7 chocolate bars for \$14	_____	_____ dollars per bar	1. _____
2) 9 students earned 117 dollars total	_____	_____ dollars per student	2. _____
3) 5 bags with 110 cans	_____	_____ cans per bag	3. _____
4) 3 game controllers had 24 buttons	_____	_____ buttons per controller	4. _____
5) 2 movie tickets cost \$26	_____	_____ dollars per ticket	5. _____
6) 9 mail trucks had 36 bags of letters	_____	_____ bags per truck	6. _____
7) 6 classrooms with 156 students	_____	_____ students per class	7. _____
8) 3 tanks with 297 fish	_____	_____ fish per tank	8. _____
9) 10 cell phone covers for 60 dollars	_____	_____ dollars per cover	9. _____
10) 36 customers over 3 days	_____	_____ customers per day	10. _____
11) 7 hours of TV had 133 commercials	_____	_____ commercials per hour	11. _____
12) 44 CDs with 440 songs	_____	_____ songs per CD	12. _____
13) 2 trays with 12 ice cubes	_____	_____ ice cubes per tray	13. _____
14) 12 shirts for 24 dollars	_____	_____ dollars per shirt	14. _____
15) 8 hours to drive 408 miles	_____	_____ miles per hour	15. _____

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

	Ratio	Rate
Ex) 5 boxes can hold 35 books	<u>35:5</u>	<u>7</u> books per box
1) 7 chocolate bars for \$14	<u>14:7</u>	<u>2</u> dollars per bar
2) 9 students earned 117 dollars total	<u>117:9</u>	<u>13</u> dollars per student
3) 5 bags with 110 cans	<u>110:5</u>	<u>22</u> cans per bag
4) 3 game controllers had 24 buttons	<u>24:3</u>	<u>8</u> buttons per controller
5) 2 movie tickets cost \$26	<u>26:2</u>	<u>13</u> dollars per ticket
6) 9 mail trucks had 36 bags of letters	<u>36:9</u>	<u>4</u> bags per truck
7) 6 classrooms with 156 students	<u>156:6</u>	<u>26</u> students per class
8) 3 tanks with 297 fish	<u>297:3</u>	<u>99</u> fish per tank
9) 10 cell phone covers for 60 dollars	<u>60:10</u>	<u>6</u> dollars per cover
10) 36 customers over 3 days	<u>36:3</u>	<u>12</u> customers per day
11) 7 hours of TV had 133 commercials	<u>133:7</u>	<u>19</u> commercials per hour
12) 44 CDs with 440 songs	<u>440:44</u>	<u>10</u> songs per CD
13) 2 trays with 12 ice cubes	<u>12:2</u>	<u>6</u> ice cubes per tray
14) 12 shirts for 24 dollars	<u>24:12</u>	<u>2</u> dollars per shirt
15) 8 hours to drive 408 miles	<u>408:8</u>	<u>51</u> miles per hour

**Answers**

Ex.	<u>35:5</u>	<u>7</u>
1.	<u>14:7</u>	<u>2</u>
2.	<u>117:9</u>	<u>13</u>
3.	<u>110:5</u>	<u>22</u>
4.	<u>24:3</u>	<u>8</u>
5.	<u>26:2</u>	<u>13</u>
6.	<u>36:9</u>	<u>4</u>
7.	<u>156:6</u>	<u>26</u>
8.	<u>297:3</u>	<u>99</u>
9.	<u>60:10</u>	<u>6</u>
10.	<u>36:3</u>	<u>12</u>
11.	<u>133:7</u>	<u>19</u>
12.	<u>440:44</u>	<u>10</u>
13.	<u>12:2</u>	<u>6</u>
14.	<u>24:12</u>	<u>2</u>
15.	<u>408:8</u>	<u>51</u>