



Find the ratio and unit rate for each problem.

- Ex) 6 minutes to type 630 words 630:6 105 words per minute
- 1) 144 cherry pieces in 4 bags of candy _____ pieces per bag
- 2) 4 cell phone covers for 24 dollars _____ dollars per cover
- 3) 73 shirts for 511 dollars _____ dollars per shirt
- 4) 91 copies in 7 minutes _____ copies per minute
- 5) 60 dollars for 20 TV channels _____ dollars per channel
- 6) 126 dollars for mowing 6 lawns _____ dollars per lawn
- 7) 324 points for defeating 36 enemies _____ points per enemy
- 8) 2 classrooms with 34 students _____ students per class
- 9) 171 centimeters of snow in 9 hours _____ centimeters per hour
- 10) 8 hours to drive 568 miles _____ miles per hour
- 11) 3 chocolate bars for \$6 _____ dollars per bar
- 12) 7 mail trucks had 84 bags of letters _____ bags per truck
- 13) 2 hours of TV had 16 commercials _____ commercials per hour
- 14) 6 trays with 42 ice cubes _____ ice cubes per tray
- 15) 56 customers in 8 checkout lanes _____ customers per lane

Answers

- Ex. 630:6 105
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Find the ratio and unit rate for each problem.

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|-----|--------------------------------------|---------------|------------|----------------------|
| Ex) | 6 minutes to type 630 words | <u>630:6</u> | <u>105</u> | words per minute |
| 1) | 144 cherry pieces in 4 bags of candy | <u>144:4</u> | <u>36</u> | pieces per bag |
| 2) | 4 cell phone covers for 24 dollars | <u>24:4</u> | <u>6</u> | dollars per cover |
| 3) | 73 shirts for 511 dollars | <u>511:73</u> | <u>7</u> | dollars per shirt |
| 4) | 91 copies in 7 minutes | <u>91:7</u> | <u>13</u> | copies per minute |
| 5) | 60 dollars for 20 TV channels | <u>60:20</u> | <u>3</u> | dollars per channel |
| 6) | 126 dollars for mowing 6 lawns | <u>126:6</u> | <u>21</u> | dollars per lawn |
| 7) | 324 points for defeating 36 enemies | <u>324:36</u> | <u>9</u> | points per enemy |
| 8) | 2 classrooms with 34 students | <u>34:2</u> | <u>17</u> | students per class |
| 9) | 171 centimeters of snow in 9 hours | <u>171:9</u> | <u>19</u> | centimeters per hour |
| 10) | 8 hours to drive 568 miles | <u>568:8</u> | <u>71</u> | miles per hour |
| 11) | 3 chocolate bars for \$6 | <u>6:3</u> | <u>2</u> | dollars per bar |
| 12) | 7 mail trucks had 84 bags of letters | <u>84:7</u> | <u>12</u> | bags per truck |
| 13) | 2 hours of TV had 16 commercials | <u>16:2</u> | <u>8</u> | commercials per hour |
| 14) | 6 trays with 42 ice cubes | <u>42:6</u> | <u>7</u> | ice cubes per tray |
| 15) | 56 customers in 8 checkout lanes | <u>56:8</u> | <u>7</u> | customers per lane |

Answers

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|-----|---------------|------------|
| Ex. | <u>630:6</u> | <u>105</u> |
| 1. | <u>144:4</u> | <u>36</u> |
| 2. | <u>24:4</u> | <u>6</u> |
| 3. | <u>511:73</u> | <u>7</u> |
| 4. | <u>91:7</u> | <u>13</u> |
| 5. | <u>60:20</u> | <u>3</u> |
| 6. | <u>126:6</u> | <u>21</u> |
| 7. | <u>324:36</u> | <u>9</u> |
| 8. | <u>34:2</u> | <u>17</u> |
| 9. | <u>171:9</u> | <u>19</u> |
| 10. | <u>568:8</u> | <u>71</u> |
| 11. | <u>6:3</u> | <u>2</u> |
| 12. | <u>84:7</u> | <u>12</u> |
| 13. | <u>16:2</u> | <u>8</u> |
| 14. | <u>42:6</u> | <u>7</u> |
| 15. | <u>56:8</u> | <u>7</u> |