



Find the ratio and unit rate for each problem.

**Answers**

- 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

- Ex. 630:6      105
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
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8. \_\_\_\_\_
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11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_



Find the ratio and unit rate for each problem.

- |  |               |                                |
|--|---------------|--------------------------------|
| 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

- |     |               |            |
|-----|---------------|------------|
| 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>   |