



Find the ratio and unit rate for each problem.

Answers

- Ex) 16 copies in 2 minutes      16:2      8 copies per minute
- 1) 6 bags with 216 cans      \_\_\_\_\_      \_\_\_\_\_ cans per bag
- 2) 2 movie tickets cost \$30      \_\_\_\_\_      \_\_\_\_\_ dollars per ticket
- 3) 18 centimeters of snow in 2 hours      \_\_\_\_\_      \_\_\_\_\_ centimeters per hour
- 4) 6 mail trucks had 60 bags of letters      \_\_\_\_\_      \_\_\_\_\_ bags per truck
- 5) 9 boxes can hold 45 books      \_\_\_\_\_      \_\_\_\_\_ books per box
- 6) 3 hours to drive 189 miles      \_\_\_\_\_      \_\_\_\_\_ miles per hour
- 7) 48 CDs with 432 songs      \_\_\_\_\_      \_\_\_\_\_ songs per CD
- 8) 35 shirts for 105 dollars      \_\_\_\_\_      \_\_\_\_\_ dollars per shirt
- 9) 8 trays with 56 ice cubes      \_\_\_\_\_      \_\_\_\_\_ ice cubes per tray
- 10) 9 game controllers had 90 buttons      \_\_\_\_\_      \_\_\_\_\_ buttons per controller
- 11) 2 tanks with 98 fish      \_\_\_\_\_      \_\_\_\_\_ fish per tank
- 12) 28 pints of juice in 4 containers      \_\_\_\_\_      \_\_\_\_\_ pints per container
- 13) 189 cherry pieces in 7 bags of candy      \_\_\_\_\_      \_\_\_\_\_ pieces per bag
- 14) 105 dollars for 35 TV channels      \_\_\_\_\_      \_\_\_\_\_ dollars per channel
- 15) 99 customers over 3 days      \_\_\_\_\_      \_\_\_\_\_ customers per day

- Ex. 16:2      8
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) | 16 copies in 2 minutes               | <u>16:2</u>   | <u>8</u>  | copies per minute      |
| 1)  | 6 bags with 216 cans                 | <u>216:6</u>  | <u>36</u> | cans per bag           |
| 2)  | 2 movie tickets cost \$30            | <u>30:2</u>   | <u>15</u> | dollars per ticket     |
| 3)  | 18 centimeters of snow in 2 hours    | <u>18:2</u>   | <u>9</u>  | centimeters per hour   |
| 4)  | 6 mail trucks had 60 bags of letters | <u>60:6</u>   | <u>10</u> | bags per truck         |
| 5)  | 9 boxes can hold 45 books            | <u>45:9</u>   | <u>5</u>  | books per box          |
| 6)  | 3 hours to drive 189 miles           | <u>189:3</u>  | <u>63</u> | miles per hour         |
| 7)  | 48 CDs with 432 songs                | <u>432:48</u> | <u>9</u>  | songs per CD           |
| 8)  | 35 shirts for 105 dollars            | <u>105:35</u> | <u>3</u>  | dollars per shirt      |
| 9)  | 8 trays with 56 ice cubes            | <u>56:8</u>   | <u>7</u>  | ice cubes per tray     |
| 10) | 9 game controllers had 90 buttons    | <u>90:9</u>   | <u>10</u> | buttons per controller |
| 11) | 2 tanks with 98 fish                 | <u>98:2</u>   | <u>49</u> | fish per tank          |
| 12) | 28 pints of juice in 4 containers    | <u>28:4</u>   | <u>7</u>  | pints per container    |
| 13) | 189 cherry pieces in 7 bags of candy | <u>189:7</u>  | <u>27</u> | pieces per bag         |
| 14) | 105 dollars for 35 TV channels       | <u>105:35</u> | <u>3</u>  | dollars per channel    |
| 15) | 99 customers over 3 days             | <u>99:3</u>   | <u>33</u> | customers per day      |

Answers

- |     |               |           |
|-----|---------------|-----------|
| Ex. | <u>16:2</u>   | <u>8</u>  |
| 1.  | <u>216:6</u>  | <u>36</u> |
| 2.  | <u>30:2</u>   | <u>15</u> |
| 3.  | <u>18:2</u>   | <u>9</u>  |
| 4.  | <u>60:6</u>   | <u>10</u> |
| 5.  | <u>45:9</u>   | <u>5</u>  |
| 6.  | <u>189:3</u>  | <u>63</u> |
| 7.  | <u>432:48</u> | <u>9</u>  |
| 8.  | <u>105:35</u> | <u>3</u>  |
| 9.  | <u>56:8</u>   | <u>7</u>  |
| 10. | <u>90:9</u>   | <u>10</u> |
| 11. | <u>98:2</u>   | <u>49</u> |
| 12. | <u>28:4</u>   | <u>7</u>  |
| 13. | <u>189:7</u>  | <u>27</u> |
| 14. | <u>105:35</u> | <u>3</u>  |
| 15. | <u>99:3</u>   | <u>33</u> |