



Find the ratio and unit rate for each problem.

Answers

- Ex) 120 customers in 8 checkout lanes      120:8      15 customers per lane
- 1) 23 brownies took 46 cups of fudge      \_\_\_\_\_      \_\_\_\_\_ cups per brownie
- 2) 9 game controllers had 54 buttons      \_\_\_\_\_      \_\_\_\_\_ buttons per controller
- 3) 288 cherry pieces in 6 bags of candy      \_\_\_\_\_      \_\_\_\_\_ pieces per bag
- 4) 7 classrooms with 245 students      \_\_\_\_\_      \_\_\_\_\_ students per class
- 5) 168 customers over 6 days      \_\_\_\_\_      \_\_\_\_\_ customers per day
- 6) 5 movie tickets cost \$95      \_\_\_\_\_      \_\_\_\_\_ dollars per ticket
- 7) 6 bags with 426 cans      \_\_\_\_\_      \_\_\_\_\_ cans per bag
- 8) 2 tanks with 144 fish      \_\_\_\_\_      \_\_\_\_\_ fish per tank
- 9) 56 centimeters of snow in 7 hours      \_\_\_\_\_      \_\_\_\_\_ centimeters per hour
- 10) 23 CDs with 115 songs      \_\_\_\_\_      \_\_\_\_\_ songs per CD
- 11) 36 people bought 252 tickets      \_\_\_\_\_      \_\_\_\_\_ tickets per person
- 12) 12 pies eaten in 3 minutes      \_\_\_\_\_      \_\_\_\_\_ pies per minute
- 13) 60 dollars for 30 TV channels      \_\_\_\_\_      \_\_\_\_\_ dollars per channel
- 14) 35 pints of juice in 5 containers      \_\_\_\_\_      \_\_\_\_\_ pints per container
- 15) 3 mail trucks had 12 bags of letters      \_\_\_\_\_      \_\_\_\_\_ bags per truck

- Ex. 120:8      15
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) | 120 customers in 8 checkout lanes    | <u>120:8</u>  | <u>15</u> | customers per lane     |
| 1)  | 23 brownies took 46 cups of fudge    | <u>46:23</u>  | <u>2</u>  | cups per brownie       |
| 2)  | 9 game controllers had 54 buttons    | <u>54:9</u>   | <u>6</u>  | buttons per controller |
| 3)  | 288 cherry pieces in 6 bags of candy | <u>288:6</u>  | <u>48</u> | pieces per bag         |
| 4)  | 7 classrooms with 245 students       | <u>245:7</u>  | <u>35</u> | students per class     |
| 5)  | 168 customers over 6 days            | <u>168:6</u>  | <u>28</u> | customers per day      |
| 6)  | 5 movie tickets cost \$95            | <u>95:5</u>   | <u>19</u> | dollars per ticket     |
| 7)  | 6 bags with 426 cans                 | <u>426:6</u>  | <u>71</u> | cans per bag           |
| 8)  | 2 tanks with 144 fish                | <u>144:2</u>  | <u>72</u> | fish per tank          |
| 9)  | 56 centimeters of snow in 7 hours    | <u>56:7</u>   | <u>8</u>  | centimeters per hour   |
| 10) | 23 CDs with 115 songs                | <u>115:23</u> | <u>5</u>  | songs per CD           |
| 11) | 36 people bought 252 tickets         | <u>252:36</u> | <u>7</u>  | tickets per person     |
| 12) | 12 pies eaten in 3 minutes           | <u>12:3</u>   | <u>4</u>  | pies per minute        |
| 13) | 60 dollars for 30 TV channels        | <u>60:30</u>  | <u>2</u>  | dollars per channel    |
| 14) | 35 pints of juice in 5 containers    | <u>35:5</u>   | <u>7</u>  | pints per container    |
| 15) | 3 mail trucks had 12 bags of letters | <u>12:3</u>   | <u>4</u>  | bags per truck         |

Answers

- |     |               |           |
|-----|---------------|-----------|
| Ex. | <u>120:8</u>  | <u>15</u> |
| 1.  | <u>46:23</u>  | <u>2</u>  |
| 2.  | <u>54:9</u>   | <u>6</u>  |
| 3.  | <u>288:6</u>  | <u>48</u> |
| 4.  | <u>245:7</u>  | <u>35</u> |
| 5.  | <u>168:6</u>  | <u>28</u> |
| 6.  | <u>95:5</u>   | <u>19</u> |
| 7.  | <u>426:6</u>  | <u>71</u> |
| 8.  | <u>144:2</u>  | <u>72</u> |
| 9.  | <u>56:7</u>   | <u>8</u>  |
| 10. | <u>115:23</u> | <u>5</u>  |
| 11. | <u>252:36</u> | <u>7</u>  |
| 12. | <u>12:3</u>   | <u>4</u>  |
| 13. | <u>60:30</u>  | <u>2</u>  |
| 14. | <u>35:5</u>   | <u>7</u>  |
| 15. | <u>12:3</u>   | <u>4</u>  |