



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.

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