



Find the ratio and unit rate for each problem.

Answers

- Ex) 12 pies eaten in 3 minutes      12:3      4 pies per minute
- 1) 8 game controllers had 56 buttons      \_\_\_\_\_      \_\_\_\_\_ buttons per controller
- 2) 8 mail trucks had 72 bags of letters      \_\_\_\_\_      \_\_\_\_\_ bags per truck
- 3) 126 customers in 9 checkout lanes      \_\_\_\_\_      \_\_\_\_\_ customers per lane
- 4) 78 dollars for 39 TV channels      \_\_\_\_\_      \_\_\_\_\_ dollars per channel
- 5) 308 centimeters of snow in 22 hours      \_\_\_\_\_      \_\_\_\_\_ centimeters per hour
- 6) 7 minutes to type 840 words      \_\_\_\_\_      \_\_\_\_\_ words per minute
- 7) 8 trays with 64 ice cubes      \_\_\_\_\_      \_\_\_\_\_ ice cubes per tray
- 8) 5 tanks with 350 fish      \_\_\_\_\_      \_\_\_\_\_ fish per tank
- 9) 3 movie tickets cost \$57      \_\_\_\_\_      \_\_\_\_\_ dollars per ticket
- 10) 72 shirts for 144 dollars      \_\_\_\_\_      \_\_\_\_\_ dollars per shirt
- 11) 7 classrooms with 224 students      \_\_\_\_\_      \_\_\_\_\_ students per class
- 12) 5 cell phone covers for 60 dollars      \_\_\_\_\_      \_\_\_\_\_ dollars per cover
- 13) 2 boxes can hold 12 books      \_\_\_\_\_      \_\_\_\_\_ books per box
- 14) 41 CDs with 615 songs      \_\_\_\_\_      \_\_\_\_\_ songs per CD
- 15) 41 people bought 738 tickets      \_\_\_\_\_      \_\_\_\_\_ tickets per person

- Ex. 12:3      4
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) | 12 pies eaten in 3 minutes           | <u>12:3</u>   | <u>4</u>   | pies per minute        |
| 1)  | 8 game controllers had 56 buttons    | <u>56:8</u>   | <u>7</u>   | buttons per controller |
| 2)  | 8 mail trucks had 72 bags of letters | <u>72:8</u>   | <u>9</u>   | bags per truck         |
| 3)  | 126 customers in 9 checkout lanes    | <u>126:9</u>  | <u>14</u>  | customers per lane     |
| 4)  | 78 dollars for 39 TV channels        | <u>78:39</u>  | <u>2</u>   | dollars per channel    |
| 5)  | 308 centimeters of snow in 22 hours  | <u>308:22</u> | <u>14</u>  | centimeters per hour   |
| 6)  | 7 minutes to type 840 words          | <u>840:7</u>  | <u>120</u> | words per minute       |
| 7)  | 8 trays with 64 ice cubes            | <u>64:8</u>   | <u>8</u>   | ice cubes per tray     |
| 8)  | 5 tanks with 350 fish                | <u>350:5</u>  | <u>70</u>  | fish per tank          |
| 9)  | 3 movie tickets cost \$57            | <u>57:3</u>   | <u>19</u>  | dollars per ticket     |
| 10) | 72 shirts for 144 dollars            | <u>144:72</u> | <u>2</u>   | dollars per shirt      |
| 11) | 7 classrooms with 224 students       | <u>224:7</u>  | <u>32</u>  | students per class     |
| 12) | 5 cell phone covers for 60 dollars   | <u>60:5</u>   | <u>12</u>  | dollars per cover      |
| 13) | 2 boxes can hold 12 books            | <u>12:2</u>   | <u>6</u>   | books per box          |
| 14) | 41 CDs with 615 songs                | <u>615:41</u> | <u>15</u>  | songs per CD           |
| 15) | 41 people bought 738 tickets         | <u>738:41</u> | <u>18</u>  | tickets per person     |

Answers

- |     |               |            |
|-----|---------------|------------|
| Ex. | <u>12:3</u>   | <u>4</u>   |
| 1.  | <u>56:8</u>   | <u>7</u>   |
| 2.  | <u>72:8</u>   | <u>9</u>   |
| 3.  | <u>126:9</u>  | <u>14</u>  |
| 4.  | <u>78:39</u>  | <u>2</u>   |
| 5.  | <u>308:22</u> | <u>14</u>  |
| 6.  | <u>840:7</u>  | <u>120</u> |
| 7.  | <u>64:8</u>   | <u>8</u>   |
| 8.  | <u>350:5</u>  | <u>70</u>  |
| 9.  | <u>57:3</u>   | <u>19</u>  |
| 10. | <u>144:72</u> | <u>2</u>   |
| 11. | <u>224:7</u>  | <u>32</u>  |
| 12. | <u>60:5</u>   | <u>12</u>  |
| 13. | <u>12:2</u>   | <u>6</u>   |
| 14. | <u>615:41</u> | <u>15</u>  |
| 15. | <u>738:41</u> | <u>18</u>  |