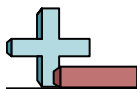


Find the ratio and unit rate for each problem.

Answers

- Ex) 3 minutes to type 243 words      243:3      81 words per minute
- 1) 3 students earned 21 dollars total      \_\_\_\_\_      \_\_\_\_\_ dollars per student
- 2) 6 mail trucks had 72 bags of letters      \_\_\_\_\_      \_\_\_\_\_ bags per truck
- 3) 132 points for defeating 44 enemies      \_\_\_\_\_      \_\_\_\_\_ points per enemy
- 4) 5 hours of TV had 55 commercials      \_\_\_\_\_      \_\_\_\_\_ commercials per hour
- 5) 112 centimeters of snow in 16 hours      \_\_\_\_\_      \_\_\_\_\_ centimeters per hour
- 6) 9 classrooms with 126 students      \_\_\_\_\_      \_\_\_\_\_ students per class
- 7) 4 tanks with 184 fish      \_\_\_\_\_      \_\_\_\_\_ fish per tank
- 8) 21 pies eaten in 3 minutes      \_\_\_\_\_      \_\_\_\_\_ pies per minute
- 9) 36 copies in 3 minutes      \_\_\_\_\_      \_\_\_\_\_ copies per minute
- 10) 58 brownies took 116 cups of fudge      \_\_\_\_\_      \_\_\_\_\_ cups per brownie
- 11) 85 pints of juice in 5 containers      \_\_\_\_\_      \_\_\_\_\_ pints per container
- 12) 7 bags with 329 cans      \_\_\_\_\_      \_\_\_\_\_ cans per bag
- 13) 2 movie tickets cost \$20      \_\_\_\_\_      \_\_\_\_\_ dollars per ticket
- 14) 24 people bought 480 tickets      \_\_\_\_\_      \_\_\_\_\_ tickets per person
- 15) 77 shirts for 231 dollars      \_\_\_\_\_      \_\_\_\_\_ dollars per shirt

- Ex. 243:3      81
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) 3 minutes to type 243 words         | <u>243:3</u>  | <u>81</u> | words per minute     |
| 1) 3 students earned 21 dollars total   | <u>21:3</u>   | <u>7</u>  | dollars per student  |
| 2) 6 mail trucks had 72 bags of letters | <u>72:6</u>   | <u>12</u> | bags per truck       |
| 3) 132 points for defeating 44 enemies  | <u>132:44</u> | <u>3</u>  | points per enemy     |
| 4) 5 hours of TV had 55 commercials     | <u>55:5</u>   | <u>11</u> | commercials per hour |
| 5) 112 centimeters of snow in 16 hours  | <u>112:16</u> | <u>7</u>  | centimeters per hour |
| 6) 9 classrooms with 126 students       | <u>126:9</u>  | <u>14</u> | students per class   |
| 7) 4 tanks with 184 fish                | <u>184:4</u>  | <u>46</u> | fish per tank        |
| 8) 21 pies eaten in 3 minutes           | <u>21:3</u>   | <u>7</u>  | pies per minute      |
| 9) 36 copies in 3 minutes               | <u>36:3</u>   | <u>12</u> | copies per minute    |
| 10) 58 brownies took 116 cups of fudge  | <u>116:58</u> | <u>2</u>  | cups per brownie     |
| 11) 85 pints of juice in 5 containers   | <u>85:5</u>   | <u>17</u> | pints per container  |
| 12) 7 bags with 329 cans                | <u>329:7</u>  | <u>47</u> | cans per bag         |
| 13) 2 movie tickets cost \$20           | <u>20:2</u>   | <u>10</u> | dollars per ticket   |
| 14) 24 people bought 480 tickets        | <u>480:24</u> | <u>20</u> | tickets per person   |
| 15) 77 shirts for 231 dollars           | <u>231:77</u> | <u>3</u>  | dollars per shirt    |

Answers

- |     |               |           |
|-----|---------------|-----------|
| Ex. | <u>243:3</u>  | <u>81</u> |
| 1.  | <u>21:3</u>   | <u>7</u>  |
| 2.  | <u>72:6</u>   | <u>12</u> |
| 3.  | <u>132:44</u> | <u>3</u>  |
| 4.  | <u>55:5</u>   | <u>11</u> |
| 5.  | <u>112:16</u> | <u>7</u>  |
| 6.  | <u>126:9</u>  | <u>14</u> |
| 7.  | <u>184:4</u>  | <u>46</u> |
| 8.  | <u>21:3</u>   | <u>7</u>  |
| 9.  | <u>36:3</u>   | <u>12</u> |
| 10. | <u>116:58</u> | <u>2</u>  |
| 11. | <u>85:5</u>   | <u>17</u> |
| 12. | <u>329:7</u>  | <u>47</u> |
| 13. | <u>20:2</u>   | <u>10</u> |
| 14. | <u>480:24</u> | <u>20</u> |
| 15. | <u>231:77</u> | <u>3</u>  |