



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

Answers

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