



Find the ratio and unit rate for each problem.

- Ex) 90 customers over 6 days      90:6      15 customers per day
- 1) 42 customers in 6 checkout lanes      \_\_\_\_\_      \_\_\_\_\_ customers per lane
- 2) 18 pies eaten in 3 minutes      \_\_\_\_\_      \_\_\_\_\_ pies per minute
- 3) 31 CDs with 124 songs      \_\_\_\_\_      \_\_\_\_\_ songs per CD
- 4) 4 chocolate bars for \$12      \_\_\_\_\_      \_\_\_\_\_ dollars per bar
- 5) 114 cherry pieces in 6 bags of candy      \_\_\_\_\_      \_\_\_\_\_ pieces per bag
- 6) 43 people bought 301 tickets      \_\_\_\_\_      \_\_\_\_\_ tickets per person
- 7) 6 students earned 48 dollars total      \_\_\_\_\_      \_\_\_\_\_ dollars per student
- 8) 4 tanks with 188 fish      \_\_\_\_\_      \_\_\_\_\_ fish per tank
- 9) 5 bags with 105 cans      \_\_\_\_\_      \_\_\_\_\_ cans per bag
- 10) 80 centimeters of snow in 5 hours      \_\_\_\_\_      \_\_\_\_\_ centimeters per hour
- 11) 82 points for defeating 41 enemies      \_\_\_\_\_      \_\_\_\_\_ points per enemy
- 12) 62 brownies took 186 cups of fudge      \_\_\_\_\_      \_\_\_\_\_ cups per brownie
- 13) 6 trays with 30 ice cubes      \_\_\_\_\_      \_\_\_\_\_ ice cubes per tray
- 14) 6 boxes can hold 54 books      \_\_\_\_\_      \_\_\_\_\_ books per box
- 15) 4 game controllers had 40 buttons      \_\_\_\_\_      \_\_\_\_\_ buttons per controller

Answers

- Ex. 90:6      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) 90 customers over 6 days  $\frac{90:6}{}$   $\frac{15}{}$  customers per day
- 1) 42 customers in 6 checkout lanes  $\frac{42:6}{}$   $\frac{7}{}$  customers per lane
- 2) 18 pies eaten in 3 minutes  $\frac{18:3}{}$   $\frac{6}{}$  pies per minute
- 3) 31 CDs with 124 songs  $\frac{124:31}{}$   $\frac{4}{}$  songs per CD
- 4) 4 chocolate bars for \$12  $\frac{12:4}{}$   $\frac{3}{}$  dollars per bar
- 5) 114 cherry pieces in 6 bags of candy  $\frac{114:6}{}$   $\frac{19}{}$  pieces per bag
- 6) 43 people bought 301 tickets  $\frac{301:43}{}$   $\frac{7}{}$  tickets per person
- 7) 6 students earned 48 dollars total  $\frac{48:6}{}$   $\frac{8}{}$  dollars per student
- 8) 4 tanks with 188 fish  $\frac{188:4}{}$   $\frac{47}{}$  fish per tank
- 9) 5 bags with 105 cans  $\frac{105:5}{}$   $\frac{21}{}$  cans per bag
- 10) 80 centimeters of snow in 5 hours  $\frac{80:5}{}$   $\frac{16}{}$  centimeters per hour
- 11) 82 points for defeating 41 enemies  $\frac{82:41}{}$   $\frac{2}{}$  points per enemy
- 12) 62 brownies took 186 cups of fudge  $\frac{186:62}{}$   $\frac{3}{}$  cups per brownie
- 13) 6 trays with 30 ice cubes  $\frac{30:6}{}$   $\frac{5}{}$  ice cubes per tray
- 14) 6 boxes can hold 54 books  $\frac{54:6}{}$   $\frac{9}{}$  books per box
- 15) 4 game controllers had 40 buttons  $\frac{40:4}{}$   $\frac{10}{}$  buttons per controller

Answers

- Ex.  $\frac{90:6}{}$   $\frac{15}{}$
1.  $\frac{42:6}{}$   $\frac{7}{}$
2.  $\frac{18:3}{}$   $\frac{6}{}$
3.  $\frac{124:31}{}$   $\frac{4}{}$
4.  $\frac{12:4}{}$   $\frac{3}{}$
5.  $\frac{114:6}{}$   $\frac{19}{}$
6.  $\frac{301:43}{}$   $\frac{7}{}$
7.  $\frac{48:6}{}$   $\frac{8}{}$
8.  $\frac{188:4}{}$   $\frac{47}{}$
9.  $\frac{105:5}{}$   $\frac{21}{}$
10.  $\frac{80:5}{}$   $\frac{16}{}$
11.  $\frac{82:41}{}$   $\frac{2}{}$
12.  $\frac{186:62}{}$   $\frac{3}{}$
13.  $\frac{30:6}{}$   $\frac{5}{}$
14.  $\frac{54:6}{}$   $\frac{9}{}$
15.  $\frac{40:4}{}$   $\frac{10}{}$