



Find the ratio and unit rate for each problem.

Answers

- Ex) 14 copies in 2 minutes      14:2      7 copies per minute
- 1) 10 hours to drive 710 miles      \_\_\_\_\_      \_\_\_\_\_ miles per hour
- 2) 3 boxes can hold 12 books      \_\_\_\_\_      \_\_\_\_\_ books per box
- 3) 111 dollars for 37 TV channels      \_\_\_\_\_      \_\_\_\_\_ dollars per channel
- 4) 48 customers over 2 days      \_\_\_\_\_      \_\_\_\_\_ customers per day
- 5) 8 classrooms with 136 students      \_\_\_\_\_      \_\_\_\_\_ students per class
- 6) 174 cherry pieces in 6 bags of candy      \_\_\_\_\_      \_\_\_\_\_ pieces per bag
- 7) 54 dollars for mowing 2 lawns      \_\_\_\_\_      \_\_\_\_\_ dollars per lawn
- 8) 2 mail trucks had 26 bags of letters      \_\_\_\_\_      \_\_\_\_\_ bags per truck
- 9) 265 points for defeating 53 enemies      \_\_\_\_\_      \_\_\_\_\_ points per enemy
- 10) 3 movie tickets cost \$42      \_\_\_\_\_      \_\_\_\_\_ dollars per ticket
- 11) 52 pints of juice in 4 containers      \_\_\_\_\_      \_\_\_\_\_ pints per container
- 12) 4 students earned 56 dollars total      \_\_\_\_\_      \_\_\_\_\_ dollars per student
- 13) 35 customers in 5 checkout lanes      \_\_\_\_\_      \_\_\_\_\_ customers per lane
- 14) 4 cell phone covers for 28 dollars      \_\_\_\_\_      \_\_\_\_\_ dollars per cover
- 15) 4 trays with 40 ice cubes      \_\_\_\_\_      \_\_\_\_\_ ice cubes per tray

- Ex. 14:2      7
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) 14 copies in 2 minutes  $\frac{14:2}{}$   $\frac{7}{}$  copies per minute
- 1) 10 hours to drive 710 miles  $\frac{710:10}{}$   $\frac{71}{}$  miles per hour
- 2) 3 boxes can hold 12 books  $\frac{12:3}{}$   $\frac{4}{}$  books per box
- 3) 111 dollars for 37 TV channels  $\frac{111:37}{}$   $\frac{3}{}$  dollars per channel
- 4) 48 customers over 2 days  $\frac{48:2}{}$   $\frac{24}{}$  customers per day
- 5) 8 classrooms with 136 students  $\frac{136:8}{}$   $\frac{17}{}$  students per class
- 6) 174 cherry pieces in 6 bags of candy  $\frac{174:6}{}$   $\frac{29}{}$  pieces per bag
- 7) 54 dollars for mowing 2 lawns  $\frac{54:2}{}$   $\frac{27}{}$  dollars per lawn
- 8) 2 mail trucks had 26 bags of letters  $\frac{26:2}{}$   $\frac{13}{}$  bags per truck
- 9) 265 points for defeating 53 enemies  $\frac{265:53}{}$   $\frac{5}{}$  points per enemy
- 10) 3 movie tickets cost \$42  $\frac{42:3}{}$   $\frac{14}{}$  dollars per ticket
- 11) 52 pints of juice in 4 containers  $\frac{52:4}{}$   $\frac{13}{}$  pints per container
- 12) 4 students earned 56 dollars total  $\frac{56:4}{}$   $\frac{14}{}$  dollars per student
- 13) 35 customers in 5 checkout lanes  $\frac{35:5}{}$   $\frac{7}{}$  customers per lane
- 14) 4 cell phone covers for 28 dollars  $\frac{28:4}{}$   $\frac{7}{}$  dollars per cover
- 15) 4 trays with 40 ice cubes  $\frac{40:4}{}$   $\frac{10}{}$  ice cubes per tray

Answers

- Ex.  $\frac{14:2}{}$   $\frac{7}{}$
1.  $\frac{710:10}{}$   $\frac{71}{}$
2.  $\frac{12:3}{}$   $\frac{4}{}$
3.  $\frac{111:37}{}$   $\frac{3}{}$
4.  $\frac{48:2}{}$   $\frac{24}{}$
5.  $\frac{136:8}{}$   $\frac{17}{}$
6.  $\frac{174:6}{}$   $\frac{29}{}$
7.  $\frac{54:2}{}$   $\frac{27}{}$
8.  $\frac{26:2}{}$   $\frac{13}{}$
9.  $\frac{265:53}{}$   $\frac{5}{}$
10.  $\frac{42:3}{}$   $\frac{14}{}$
11.  $\frac{52:4}{}$   $\frac{13}{}$
12.  $\frac{56:4}{}$   $\frac{14}{}$
13.  $\frac{35:5}{}$   $\frac{7}{}$
14.  $\frac{28:4}{}$   $\frac{7}{}$
15.  $\frac{40:4}{}$   $\frac{10}{}$