



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

Answers

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