



Find the ratio and unit rate for each problem.

- Ex) 6 minutes to type 630 words      630:6      105 words per minute
- 1) 144 cherry pieces in 4 bags of candy      \_\_\_\_\_      \_\_\_\_\_ pieces per bag
- 2) 4 cell phone covers for 24 dollars      \_\_\_\_\_      \_\_\_\_\_ dollars per cover
- 3) 73 shirts for 511 dollars      \_\_\_\_\_      \_\_\_\_\_ dollars per shirt
- 4) 91 copies in 7 minutes      \_\_\_\_\_      \_\_\_\_\_ copies per minute
- 5) 60 dollars for 20 TV channels      \_\_\_\_\_      \_\_\_\_\_ dollars per channel
- 6) 126 dollars for mowing 6 lawns      \_\_\_\_\_      \_\_\_\_\_ dollars per lawn
- 7) 324 points for defeating 36 enemies      \_\_\_\_\_      \_\_\_\_\_ points per enemy
- 8) 2 classrooms with 34 students      \_\_\_\_\_      \_\_\_\_\_ students per class
- 9) 171 centimeters of snow in 9 hours      \_\_\_\_\_      \_\_\_\_\_ centimeters per hour
- 10) 8 hours to drive 568 miles      \_\_\_\_\_      \_\_\_\_\_ miles per hour
- 11) 3 chocolate bars for \$6      \_\_\_\_\_      \_\_\_\_\_ dollars per bar
- 12) 7 mail trucks had 84 bags of letters      \_\_\_\_\_      \_\_\_\_\_ bags per truck
- 13) 2 hours of TV had 16 commercials      \_\_\_\_\_      \_\_\_\_\_ commercials per hour
- 14) 6 trays with 42 ice cubes      \_\_\_\_\_      \_\_\_\_\_ ice cubes per tray
- 15) 56 customers in 8 checkout lanes      \_\_\_\_\_      \_\_\_\_\_ customers per lane

Answers

- Ex. 630:6      105
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
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13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_



Find the ratio and unit rate for each problem.

- Ex) 6 minutes to type 630 words  $\frac{630:6}{105}$  words per minute
- 1) 144 cherry pieces in 4 bags of candy  $\frac{144:4}{36}$  pieces per bag
- 2) 4 cell phone covers for 24 dollars  $\frac{24:4}{6}$  dollars per cover
- 3) 73 shirts for 511 dollars  $\frac{511:73}{7}$  dollars per shirt
- 4) 91 copies in 7 minutes  $\frac{91:7}{13}$  copies per minute
- 5) 60 dollars for 20 TV channels  $\frac{60:20}{3}$  dollars per channel
- 6) 126 dollars for mowing 6 lawns  $\frac{126:6}{21}$  dollars per lawn
- 7) 324 points for defeating 36 enemies  $\frac{324:36}{9}$  points per enemy
- 8) 2 classrooms with 34 students  $\frac{34:2}{17}$  students per class
- 9) 171 centimeters of snow in 9 hours  $\frac{171:9}{19}$  centimeters per hour
- 10) 8 hours to drive 568 miles  $\frac{568:8}{71}$  miles per hour
- 11) 3 chocolate bars for \$6  $\frac{6:3}{2}$  dollars per bar
- 12) 7 mail trucks had 84 bags of letters  $\frac{84:7}{12}$  bags per truck
- 13) 2 hours of TV had 16 commercials  $\frac{16:2}{8}$  commercials per hour
- 14) 6 trays with 42 ice cubes  $\frac{42:6}{7}$  ice cubes per tray
- 15) 56 customers in 8 checkout lanes  $\frac{56:8}{7}$  customers per lane

Answers

- Ex.  $\frac{630:6}{105}$
1.  $\frac{144:4}{36}$
2.  $\frac{24:4}{6}$
3.  $\frac{511:73}{7}$
4.  $\frac{91:7}{13}$
5.  $\frac{60:20}{3}$
6.  $\frac{126:6}{21}$
7.  $\frac{324:36}{9}$
8.  $\frac{34:2}{17}$
9.  $\frac{171:9}{19}$
10.  $\frac{568:8}{71}$
11.  $\frac{6:3}{2}$
12.  $\frac{84:7}{12}$
13.  $\frac{16:2}{8}$
14.  $\frac{42:6}{7}$
15.  $\frac{56:8}{7}$