



Find the ratio and unit rate for each problem.

Answers

Ex) 23 CDs with 207 songs

207:23

9

songs per CD

Ex.

207:23

9

1) 36 customers in 4 checkout lanes

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\_\_\_\_\_

customers per lane

1.

\_\_\_\_\_

\_\_\_\_\_

2) 6 boxes can hold 60 books

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\_\_\_\_\_

books per box

2.

\_\_\_\_\_

\_\_\_\_\_

3) 76 pints of juice in 4 containers

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\_\_\_\_\_

pints per container

3.

\_\_\_\_\_

\_\_\_\_\_

4) 60 shirts for 120 dollars

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\_\_\_\_\_

dollars per shirt

5.

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\_\_\_\_\_

5) 4 trays with 24 ice cubes

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\_\_\_\_\_

ice cubes per tray

6.

\_\_\_\_\_

\_\_\_\_\_

6) 9 students earned 72 dollars total

\_\_\_\_\_

\_\_\_\_\_

dollars per student

8.

\_\_\_\_\_

\_\_\_\_\_

7) 7 hours of TV had 98 commercials

\_\_\_\_\_

\_\_\_\_\_

commercials per hour

9.

\_\_\_\_\_

\_\_\_\_\_

8) 63 copies in 9 minutes

\_\_\_\_\_

\_\_\_\_\_

copies per minute

10.

\_\_\_\_\_

\_\_\_\_\_

9) 336 cherry pieces in 8 bags of candy

\_\_\_\_\_

\_\_\_\_\_

pieces per bag

11.

\_\_\_\_\_

\_\_\_\_\_

10) 9 movie tickets cost \$126

\_\_\_\_\_

\_\_\_\_\_

dollars per ticket

13.

\_\_\_\_\_

\_\_\_\_\_

11) 132 points for defeating 44 enemies

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\_\_\_\_\_

points per enemy

14.

\_\_\_\_\_

\_\_\_\_\_

12) 3 minutes to type 297 words

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\_\_\_\_\_

words per minute

15.

\_\_\_\_\_

\_\_\_\_\_

13) 231 customers over 7 days

\_\_\_\_\_

\_\_\_\_\_

customers per day

14) 87 brownies took 174 cups of fudge

\_\_\_\_\_

\_\_\_\_\_

cups per brownie

15) 6 mail trucks had 66 bags of letters

\_\_\_\_\_

\_\_\_\_\_

bags per truck



Find the ratio and unit rate for each problem.

- Ex) 23 CDs with 207 songs  $\frac{207:23}{9}$  songs per CD
- 1) 36 customers in 4 checkout lanes  $\frac{36:4}{9}$  customers per lane
- 2) 6 boxes can hold 60 books  $\frac{60:6}{10}$  books per box
- 3) 76 pints of juice in 4 containers  $\frac{76:4}{19}$  pints per container
- 4) 60 shirts for 120 dollars  $\frac{120:60}{2}$  dollars per shirt
- 5) 4 trays with 24 ice cubes  $\frac{24:4}{6}$  ice cubes per tray
- 6) 9 students earned 72 dollars total  $\frac{72:9}{8}$  dollars per student
- 7) 7 hours of TV had 98 commercials  $\frac{98:7}{14}$  commercials per hour
- 8) 63 copies in 9 minutes  $\frac{63:9}{7}$  copies per minute
- 9) 336 cherry pieces in 8 bags of candy  $\frac{336:8}{42}$  pieces per bag
- 10) 9 movie tickets cost \$126  $\frac{126:9}{14}$  dollars per ticket
- 11) 132 points for defeating 44 enemies  $\frac{132:44}{3}$  points per enemy
- 12) 3 minutes to type 297 words  $\frac{297:3}{99}$  words per minute
- 13) 231 customers over 7 days  $\frac{231:7}{33}$  customers per day
- 14) 87 brownies took 174 cups of fudge  $\frac{174:87}{2}$  cups per brownie
- 15) 6 mail trucks had 66 bags of letters  $\frac{66:6}{11}$  bags per truck

Answers

- Ex.  $\frac{207:23}{9}$
1.  $\frac{36:4}{9}$
2.  $\frac{60:6}{10}$
3.  $\frac{76:4}{19}$
4.  $\frac{120:60}{2}$
5.  $\frac{24:4}{6}$
6.  $\frac{72:9}{8}$
7.  $\frac{98:7}{14}$
8.  $\frac{63:9}{7}$
9.  $\frac{336:8}{42}$
10.  $\frac{126:9}{14}$
11.  $\frac{132:44}{3}$
12.  $\frac{297:3}{99}$
13.  $\frac{231:7}{33}$
14.  $\frac{174:87}{2}$
15.  $\frac{66:6}{11}$