



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

customers per lane

1.

2) 6 boxes can hold 60 books

books per box

2.

3) 76 pints of juice in 4 containers

pints per container

3.

4) 60 shirts for 120 dollars

dollars per shirt

5.

5) 4 trays with 24 ice cubes

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

points per enemy

14.

12) 3 minutes to type 297 words

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. $\frac{66:6}{11}$