



# Finding Ratios and Unit Rate

Name: \_\_\_\_\_

Find the ratio and unit rate for each problem.

Ex) 10 game controllers had 100 buttons 100:10 10 buttons per controller

1) 2 tanks with 56 fish \_\_\_\_\_ fish per tank

2) 3 minutes to type 306 words \_\_\_\_\_ words per minute

3) 10 pies eaten in 2 minutes \_\_\_\_\_ pies per minute

4) 7 movie tickets cost \$112 \_\_\_\_\_ dollars per ticket

5) 7 trays with 56 ice cubes \_\_\_\_\_ ice cubes per tray

6) 8 classrooms with 96 students \_\_\_\_\_ students per class

7) 28 people bought 420 tickets \_\_\_\_\_ tickets per person

8) 6 bags with 534 cans \_\_\_\_\_ cans per bag

9) 64 customers over 4 days \_\_\_\_\_ customers per day

10) 39 CDs with 117 songs \_\_\_\_\_ songs per CD

11) 15 brownies took 30 cups of fudge \_\_\_\_\_ cups per brownie

12) 5 hours of TV had 85 commercials \_\_\_\_\_ commercials per hour

13) 74 shirts for 666 dollars \_\_\_\_\_ dollars per shirt

14) 48 dollars for mowing 3 lawns \_\_\_\_\_ dollars per lawn

15) 10 mail trucks had 40 bags of letters \_\_\_\_\_ bags per truck

## Answers

Ex. 100:10 10

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_



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## Answer Key

Find the ratio and unit rate for each problem.

Ex) 10 game controllers had 100 buttons 100:10 10 buttons per controller

## Answers

Ex. 100:10 101) 2 tanks with 56 fish 56:2 28 fish per tank1. 56:2 282) 3 minutes to type 306 words 306:3 102 words per minute2. 306:3 1023) 10 pies eaten in 2 minutes 10:2 5 pies per minute3. 10:2 54) 7 movie tickets cost \$112 112:7 16 dollars per ticket4. 112:7 165) 7 trays with 56 ice cubes 56:7 8 ice cubes per tray5. 56:7 86) 8 classrooms with 96 students 96:8 12 students per class6. 96:8 127) 28 people bought 420 tickets 420:28 15 tickets per person7. 420:28 158) 6 bags with 534 cans 534:6 89 cans per bag8. 534:6 899) 64 customers over 4 days 64:4 16 customers per day9. 64:4 1610) 39 CDs with 117 songs 117:39 3 songs per CD10. 117:39 311) 15 brownies took 30 cups of fudge 30:15 2 cups per brownie11. 30:15 212) 5 hours of TV had 85 commercials 85:5 17 commercials per hour12. 85:5 1713) 74 shirts for 666 dollars 666:74 9 dollars per shirt13. 666:74 914) 48 dollars for mowing 3 lawns 48:3 16 dollars per lawn14. 48:3 1615) 10 mail trucks had 40 bags of letters 40:10 4 bags per truck15. 40:10 4