# Finding Ratios and Unit Rate

Name: _____

**Find the ratio and unit rate for each problem.**

**Ex)** 4 classrooms with 132 students    132:4     33    students per class

Ex. **132:4**    **33**

**1)** 126 dollars for 42 TV channels    _____    _____ dollars per channel

1. _____ _____

**2)** 3 tanks with 96 fish    _____    _____ fish per tank

2. _____ _____

**3)** 351 points for defeating 39 enemies    _____    _____ points per enemy

3. _____ _____

**4)** 25 people bought 325 tickets    _____    _____ tickets per person

4. _____ _____

**5)** 64 customers over 2 days    _____    _____ customers per day

5. _____ _____

**6)** 24 CDs with 96 songs    _____    _____ songs per CD

6. _____ _____

**7)** 2 hours of TV had 26 commercials    _____    _____ commercials per hour

7. _____ _____

**8)** 3 students earned 15 dollars total    _____    _____ dollars per student

8. _____ _____

**9)** 15 pies eaten in 3 minutes    _____    _____ pies per minute

9. _____ _____

**10)** 8 game controllers had 96 buttons    _____    _____ buttons per controller

10. _____ _____

**11)** 7 trays with 77 ice cubes    _____    _____ ice cubes per tray

11. _____ _____

**12)** 36 brownies took 108 cups of fudge    _____    _____ cups per brownie

12. _____ _____

**13)** 48 customers in 6 checkout lanes    _____    _____ customers per lane

13. _____ _____

**14)** 7 movie tickets cost $112    _____    _____ dollars per ticket

14. _____ _____

**15)** 8 boxes can hold 80 books    _____    _____ books per box

15. _____ _____

**Math**    www.CommonCoreSheets.com

| 1-10 | 93 | 87 | 80 | 73 | 67 | 60 | 53 | 47 | 40 | 33 |
|------|----|----|----|----|----|----|----|----|----|----|
| 11-15 | 27 | 20 | 13 | 7 | 0 | | | | | |

Name: **Answer Key**

**Find the ratio and unit rate for each problem.**

**Answers**

**Ex)** 4 classrooms with 132 students    132:4    33   students per class

**1)** 126 dollars for 42 TV channels    126:42    3   dollars per channel

**2)** 3 tanks with 96 fish    96:3    32   fish per tank

**3)** 351 points for defeating 39 enemies    351:39    9   points per enemy

**4)** 25 people bought 325 tickets    325:25    13   tickets per person

**5)** 64 customers over 2 days    64:2    32   customers per day

**6)** 24 CDs with 96 songs    96:24    4   songs per CD

**7)** 2 hours of TV had 26 commercials    26:2    13   commercials per hour

**8)** 3 students earned 15 dollars total    15:3    5   dollars per student

**9)** 15 pies eaten in 3 minutes    15:3    5   pies per minute

**10)** 8 game controllers had 96 buttons    96:8    12   buttons per controller

**11)** 7 trays with 77 ice cubes    77:7    11   ice cubes per tray

**12)** 36 brownies took 108 cups of fudge    108:36    3   cups per brownie

**13)** 48 customers in 6 checkout lanes    48:6    8   customers per lane

**14)** 7 movie tickets cost $112    112:7    16   dollars per ticket

**15)** 8 boxes can hold 80 books    80:8    10   books per box

| | | |
|---|---|---|
| Ex. | **132:4** | **33** |
| 1. | **126:42** | **3** |
| 2. | **96:3** | **32** |
| 3. | **351:39** | **9** |
| 4. | **325:25** | **13** |
| 5. | **64:2** | **32** |
| 6. | **96:24** | **4** |
| 7. | **26:2** | **13** |
| 8. | **15:3** | **5** |
| 9. | **15:3** | **5** |
| 10. | **96:8** | **12** |
| 11. | **77:7** | **11** |
| 12. | **108:36** | **3** |
| 13. | **48:6** | **8** |
| 14. | **112:7** | **16** |
| 15. | **80:8** | **10** |

**Math**

| 1-10 | 93 | 87 | 80 | 73 | 67 | 60 | 53 | 47 | 40 | 33 |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-15 | 27 | 20 | 13 | 7 | 0 | | | | | |