

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

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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### Ratios and Rates

Express each phrase as a rate and unit rate.  
(Round your answer to the nearest hundredth.)

Rate

Unit Rate

- |                                      |       |       |
|--------------------------------------|-------|-------|
| 1) 6 pencils for 15 dollars          | _____ | _____ |
| 2) mowed 5 yards for \$35.00         | _____ | _____ |
| 3) 7 dollars for 3 cans of tuna      | _____ | _____ |
| 4) 4 calculators cost \$120.00       | _____ | _____ |
| 5) 9 inches of snow in 6 hours       | _____ | _____ |
| 6) 85 miles on 8 gallons of gas      | _____ | _____ |
| 7) 6 movie tickets cost \$30.00      | _____ | _____ |
| 8) 9 batteries cost 26 dollars       | _____ | _____ |
| 9) 15 chocolate bars cost 14 dollars | _____ | _____ |
| 10) 18 dollars for 6 books           | _____ | _____ |



### Equivalent Ratios

- 1) Which two city parks have equivalent ratios of planted maple trees to the total number of trees in the park? \_\_\_\_\_

City Parks	Maple Trees Planted	Total Trees Planted
West End	16	190
Eastern	14	156
North Ridge	22	264
Central	8	96

- 2) Which two types of cars have equivalent ratios of miles traveled to hours of time during the trip? \_\_\_\_\_

Cars	Miles Traveled	Hours of Time
Lexus	27	3
Dodge	64	4
Toyota	25	2
Honda	48	3

- 3) Which two teachers received equivalent ratios of apples from their total number of students? \_\_\_\_\_

Teachers	Received Apples	Number of Students
Thompson	3	46
Smith	3	42
Heam	4	48
Theodore	2	28

### Equivalent Ratios

- 4) Which two recycling plants have equivalent ratios of green bottles to the total number of bottles recycled in one day? \_\_\_\_\_

Recycling Plants	Green Bottles Recycled	Total Bottles Recycled
Plant A	16	172
Plant B	14	154
Plant C	12	135
Plant D	18	198

- 5) Which two types of cars have equivalent ratios of miles traveled to gallons of gas used? \_\_\_\_\_

Cars	Miles Traveled	Gallons of Gas Used
Fiat	24	2
Lexus	14	1
Honda	32	2
Toyota	36	3

- 6) Which two baseball games have equivalent ratios of walks to the number of runs scored? \_\_\_\_\_

Games	Walks	Number of Runs Scored
Marlins	2	17
Cubs	5	40
Red Sox	4	34
Braves	4	32

