

Rates and Ratios Review Practice

Name: _____



What is the ratio of oranges to apples?



What is the ratio of cats to animals?



3. January has 31 days and April has 30 days. What is the ratio of days in January to days in April?

4. A soccer pitch is 100 meters long and 50 meters wide. What is the ratio of its length to its width?

5. A school has 500 students and 25 teachers. What is the ratio of teachers to students?

In 6-11, simplify each ratio in its lowest terms.

48 : 60	44 : 22	100 : 75
500 : 200	60 : 95	625 : 25

12. Jack went to the store to buy kiwi. He bought 20 kiwi for \$3.40. What is the cost of each one?

13. Rachel bought four bracelets and spent \$78.00. Assuming that each bracelet was the same price, how much did Rachel spend on each bracelet?

14. Tommy and his dad rode their bikes at a speed of 12 mph. for 2 hours. They rested in a park and rode at 8 mph for 2 more hours. How many miles did they travel in total?

In 15 – 22, express each ratio as a fraction in simplest form

5 cups to 55 cups	21 miles to 35 miles	22 dimes to 4 dimes	10 pennies to 20 pennies
8 beetles to 14 insects	44 blue cars to 48 cars	33 gallons to 15 gallons	5 quarts to 25 quarts

In 23 – 26, express as a unit rate:

23. 15 dollars per 5 books

24. 13 candy bars cost \$18

25. 125 miles on 8 gallons of gas

26. 4 inches of snow in 8 hours

27. The bakers at Healthy Bread can make 190 bagels in 10 hours.

a) What is the unit rate?

b) How many bagels can they bake in 19 hours?

28. You can buy 3 apples at Meijer for \$1.23. You can buy 5 of the same type of apple at Kroger for \$2.06. Which store has the better buy? Why?