



Ratios and rates

- 1) A herd of 52 horses has 12 white and some black horses. What is the ratio of white to black horses?

- 2) A pattern has 5 blue triangles to every 80 yellow triangles. What is the ratio of blue triangles to all triangles?

- 3) Noah drew 22 hearts and 76 circles. What is the ratio of circles to all shapes?

- 4) You can buy 3 apples at the Quick Market for \$1.05. You can buy 5 of the same apples at Stop and Save for \$1.15. Which place is the better buy? _____

- 5) You can buy 5 cans for green beans at the Village Market for \$3.10. You can buy 10 of the same cans of beans at Sam's Club for \$6.70. Which place is the better buy? _____



- 6) The bakers at Healthy Bakery can make 220 bagels in 10 hours. How many bagels can they bake in 18 hours? What was that rate per hour?

- 7) A jet travels 430 miles in 2 hours. At this rate, how far could the jet fly in 14 hours? What is the rate of speed of the jet? _____
- 8) Gas mileage is the number of miles you can drive on a a gallon of gasoline. A test of a new car results in 370 miles on 10 gallons of gas. How far could you drive on 40 gallons of gas? What is the car's gas mileage? _____
- 9) An ice cream factory makes 120 quarts of ice cream in 2 hours. How many quarts could be made in 12 hours? What was that rate per day?

- 10) A ferris wheel can accommodate 75 people in 15 minutes. How many people could ride the ferris wheel in 2 hours? What was that rate per hour? _____