## Word Problems

1) You can buy 5 cans for green beans at the Village Market for $\$ 2.50$. You can buy 10 of the same cans of beans at Sam's Club for $\$ 6.50$. Which place is the better buy?
2) You can buy 3 apples at the Quick Market for $\$ 1.35$. You can buy 5 of the same apples at Stop and Save for $\$ 2.45$. Which place is the better buy?
3) An ice cream factory makes 270 quarts of ice cream in 10 hours. How many quarts could be made in 36 hours? What was that rate per day?
4) A ferris wheel can accommodate 60 people in 20 minutes. How many people could ride the ferris wheel in 4 hours? What was that rate per hour?
5) A jet travels 400 miles in 2 hours. At this rate, how far could the jet fly in 10 hours? What is the rate of speed of the jet?
6) The bakers at Healthy Bakery can make 260 bagels in 5 hours. How many bagels can they bake in 13 hours? What was that rate per hour? $\qquad$
7) Gas mileage is the number of miles you can drive on a a gallon of gasoline. A test of a new car results in 300 miles on 10 gallons of gas. How far could you drive on 40 gallons of gas? What is the car's gas mileage?

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Quick Market
3) An ice cream factory makes 270 quarts of ice cream in 10 hours. How many quarts could be made in 36 hours? What was that rate per day?

972 quarts 648 quarts/day
4) A ferris wheel can accommodate 60 people in 20 minutes. How many people could ride the ferris wheel in 4 hours? What was that rate per hour?
5) A jet travels 400 miles in 2 hours. At this rate, how far could the jet fly in 10 hours? What is the rate of speed of the jet?

2000 miles
200 mph
6) The bakers at Healthy Bakery can make 260 bagels in 5 hours. How many bagels can they bake in 13 hours? What was that rate per hour?

676 bagels 52 bagels/hour
7) Gas mileage is the number of miles you can drive on a a gallon of gasoline. A test of a new car results in 300 miles on 10 gallons of gas. How far could you drive on 40 gallons of gas? What is the car's gas mileage?

## 1200 miles

 30 mpg