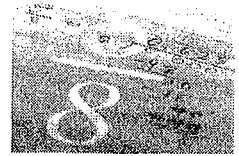


# Ratios and Unit Rates – Worksheet #2



Show work!



- eg. 1) Harold bought 5 apples for \$1.30. What is the unit price?

$$\frac{\$1.30}{5 \text{ apples}} = \frac{\$0.26}{1 \text{ apple}}$$

\$0.26 per apple

- 2) Allison's car can drive 450 miles on just 12 gallons of gas. What's the mileage per gallon?
- 3) The copier company supplies 16 reams of paper for \$55.84. What is the price per ream?
- 4) In his race, Speedy McGoo ran the 400 meter dash in 14.5 seconds. What is his speed in meters per second?
- 5) Ashley spent 20 minutes typing a 3,000 word essay. What's her speed in words per minute?
- 6) In the Miller family, there are 8 boys and 12 girls. What is the ratio of boys to girls?
- 7) In Deanna's refrigerator, there are 24 cans of Pepsi and 20 cans of Root Beer. What is ratio of Root Beer to Pepsi?
- 8) Jen's Flower Shop sells flowers for \$1.25 each. Mary's Flower Shop sells a dozen flowers for \$15.48. Who has the best deal?

# Ratios and Unit Rates – Worksheet #2

At Duckie's Gas 'n' Stuff, Gatorade is sold in 4 different sizes as shown below.

## Gatorade

Size (oz)	Price (\$)
16	\$1.39
24	\$1.89
32	\$2.69
64	\$5.19

Which size Gatorade is the better deal?

- A 16 oz
- B 24 oz
- C 32 oz
- D 64 oz

Salvatore's Spaghetti Sauce comes in four sizes of jar: a 12-ounce jar for \$1.44, an 18-ounce jar for \$2.34, a 36-ounce jar for \$3.96, and a 54-ounce jar for \$5.40. Which jar has the highest unit price?

- A. the 12-ounce jar
- B. the 18-ounce jar
- C. the 36-ounce jar
- D. the 54-ounce jar

Bags of Cathy's Cat Cuisine come in four different weights, shown below:

## Cathy's Cat Cuisine

Weight (lb)	Cost (\$)
5	\$6.00
10	\$11.00
15	\$16.50
20	\$21.00

Which bags have equivalent unit prices?

- A the 5- and 10-lb bags
- B the 5-, 10-, and 15-lb bags
- C the 10- and 15-lb bags
- D the 10-, 15-, and 20-lb bags

Sound travels 5,500 feet through air in approximately 5 seconds. At approximately what rate does sound travel through air?

- A. 1,100 feet per second
- B. 1,500 feet per second
- C. 2,750 feet per second
- D. 5,500 feet per second