Name: _____ **Class:** _____ **Date:** _____ **ID: A**

Unit Pricing

Numeric Response

1. Many stores show unit pricing information for their products. Using this information, you can determine which size of product suits your situation the best. The formula for calculating a unit price is shown below:

$$Unit\_Price = \frac{Price\_per\_Item}{Measure\_Count}$$

Catalina Johnson recently purchased a 4-pound box of treats for her dog. The total purchase price was $6.17. What was the price per pound as a dollar amount rounded to the nearest cent?

2. Many stores show unit pricing information for their products. Using this information, you can determine which size of product suits your situation the best. The formula for calculating a unit price is shown below:

$$Unit\_Price = \frac{Price\_per\_Item}{Measure\_Count}$$

Deavin Galentino recently purchased a 58-ounce bag of candy for $7.32. What was the price per ounce as a dollar amount rounded to the nearest cent?

3. Many stores show unit pricing information for their products. Using this information, you can determine which size of product suits your situation the best. The formula for calculating a unit price is shown below:

$$Unit\_\text{Pr}ice = \frac{\text{Pr}ice\_per\_Item}{Measure\_Count}$$

Catalina Johnson is shopping for some sport drink. A 64-ounce bottle sells for $2.56, a 32-ounce bottle sells for $1.60, and a 12 pack of 20-ounce bottles sells for $7.20. What is the price per ounce of the 32-ounce bottle? Express your answer as a dollar amount rounded to the nearest cent?

4. Many stores show unit pricing information for their products. Using this information, you can determine which size of product suits your situation the best. The formula for calculating a unit price is shown below:

$$Unit\_\text{Pr}ice = \frac{\text{Pr}ice\_per\_Item}{Measure\_Count}$$

Maria Galentino is shopping for some sport drink. A 64-ounce bottle sells for $3.84, a 32-ounce bottle sells for $2.24, and a 12 pack of 16-ounce bottles sells for $9.60. Which size bottle has a price per ounce of $0.05? Is it the 64, 32, or 16?

5. Many stores show unit pricing information for their products. Using this information, you can determine which size of product suits your situation the best. The formula for calculating a unit price is shown below:

$$Unit\_\text{Pr}ice = \frac{\text{Pr}ice\_per\_Item}{Measure\_Count}$$

Deavin Stevens is shopping for some sport drink. A 64-ounce bottle sells for $3.20, a 32-ounce bottle sells for $1.92, and a 6 pack of 16-ounce bottles sells for $3.84. Which size bottle has a price per ounce of $0.06? Is it the 64, 32, or 16?

6. Many stores show unit pricing information for their products. Using this information, you can determine which size of product suits your situation the best. The formula for calculating a unit price is shown below:

$$Unit\_\text{Pr}ice = \frac{\text{Pr}ice\_per\_Item}{Measure\_Count}$$

Juan Stevens went to a store that was running a special of buy two and get one free on cereal. He decided to buy his favorite cereal that was priced at $2.76 for a 17-ounce box. What was the price per ounce when Juan gets three boxes for the price of two? Express your answer as a dollar amount rounded to the nearest cent?

7. Many stores show unit pricing information for their products. Using this information, you can determine which size of product suits your situation the best. The formula for calculating a unit price is shown below:

$$Unit\_\text{Pr}ice = \frac{\text{Pr}ice\_per\_Item}{Measure\_Count}$$

Juan Escalante went to a store that was running a special of buy two and get one free on cereal. He decided to buy his favorite cereal that was priced at $2.92 for a 15-ounce box. The local sales tax rate for food is 6%. Including sales tax, what was the price per ounce when Juan gets three boxes for the price of two? Express your answer as a dollar amount rounded to the nearest cent?

8. Many stores show unit pricing information for their products. Using this information, you can determine which size of product suits your situation the best. The formula for calculating a unit price is shown below:

$$Unit\_\text{Pr}ice = \frac{\text{Pr}ice\_per\_Item}{Measure\_Count}$$

Steve Johnson went to a store that was running a special of buy two and get one free on cereal. He decided to buy his favorite cereal that was priced at $2.55 for a 24-ounce box. The local sales tax rate for food is 4.8%. Including sales tax, what was the price per ounce when Steve gets three boxes for the price of two? Express your answer as a dollar amount rounded to the nearest cent?

Unit Pricing
Answer Section

NUMERIC RESPONSE

1. ANS: 1.54

   PTS: 1
2. ANS: 0.13

   PTS: 1
3. ANS: 0.05

   PTS: 1
4. ANS: 16

   PTS: 1
5. ANS: 32

   PTS: 1
6. ANS: 0.11

   PTS: 1
7. ANS: 0.14

   PTS: 1
8. ANS: 0.07

   PTS: 1