

Lesson 1.6 Skills Practice

NAME _____ DATE _____



The Price Is . . . Close Using Unit Rates in Real World Applications

Problem Set

Calculate the unit rates for each item.

1. A bottle of fruit juice contains 63 ounces and costs \$2.25. Calculate the unit rate showing ounces per dollar and the unit rate showing dollars per ounce.

$$\frac{63 \text{ oz}}{\$2.25} = \frac{28 \text{ oz}}{\$1}$$

$$\frac{\$2.25}{63 \text{ oz}} \approx \frac{\$0.04}{1 \text{ oz}}$$

The unit rate is 28 ounces per dollar or about \$0.04 per ounce.

2. A dozen scones cost \$5.95. Calculate the unit rate showing scones per dollar and the unit rate showing dollars per scone.

-
3. A 2.5 pound bag of apples costs \$2.99. Calculate the unit rate showing pounds of apples per dollar and the unit rate showing dollars per pound of apples.
4. An 8 pound bag of oranges costs \$4.95. Calculate the unit rate showing pounds of oranges per dollar and the unit rate showing dollars per pound of oranges.
5. A box of 40 envelopes costs \$2.50. Calculate the unit rate showing number of envelopes per dollar and the unit rate showing dollars per envelope.