

Lesson 3-2 • Apply Day

Reinforce Understanding

Comparing Unit Prices (Best Buy)

I can describe a rate using its two different units and use a model to find a travel time, and I can find a unit rate to compare prices and decide the better buy.

Worked model

Bag A holds 4 lb for \$7.00. Bag B holds 6 lb for \$9.60. Which is the better buy?

1. Find the unit price of A. $\$7.00 \div 4 = \1.75 per pound
2. Find the unit price of B. $\$9.60 \div 6 = \1.60 per pound
3. Compare the two unit prices. \$1.60 is LESS than \$1.75
4. Name the better buy — the lower price per pound wins.

Answer: Bag B is the better buy at \$1.60 per pound.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. 3 items cost \$6.75. Find the new unit rate per item.

Complete each step, then write the final answer.

1. Divide cost by quantity: $6.75 \div 3 = \underline{\hspace{1cm}}$.
2. Write the rate for 1 item: \$.

Answer: _____

2. 4 items cost \$10.6. Find the new unit rate per item.

Complete each step, then write the final answer.

1. Divide cost by quantity: $10.6 \div 4 = \underline{\hspace{1cm}}$.
2. Write the rate for 1 item: \$.

Answer: _____

3. 5 items cost \$15.25. Find the new unit rate per item.

Complete each step, then write the final answer.

1. Divide cost by quantity: $15.25 \div 5 = \underline{\hspace{1cm}}$.
2. Write the rate for 1 item: \$.

Answer: _____