

Name _____

Date _____

From Ratios to Rates

Angela enjoys swimming and often swims at a steady pace to burn calories. At this pace, Angela can swim 1,700 meters in 40 minutes.

a. What is Angela's unit rate?

b. What is the rate unit?

The Scott family is trying to save as much money as possible. One way to cut back on the money they spend is by finding deals while grocery shopping; however, the Scott family needs help determining which stores have the better deals.

1. At Grocery Mart, strawberries cost \$2.99 for 2 lb., and at Baldwin Hills Market strawberries are \$3.99 for 3 lb.
 - a. What is the unit price of strawberries at each grocery store? If necessary, round to the nearest penny.
 - b. If the Scott family wanted to save money, where should they go to buy strawberries? Why?
2. Potatoes are on sale at both Grocery Mart and Baldwin Hills Market. At Grocery Mart, a 5 lb. bag of potatoes cost \$2.85, and at Baldwin Hills Market a 7 lb. bag of potatoes costs \$4.20. Which store offers the best deal on potatoes? How do you know? How much better is the deal?

Angela enjoys swimming and often swims at a steady pace to burn calories. At this pace, Angela can swim 1,700 meters in 40 minutes.

- a. What is Angela's unit rate?

42.5

- b. What is the rate unit?

Meters per minute

The Scott family is trying to save as much money as possible. One way to cut back on the money they spend is by finding deals while grocery shopping; however, the Scott family needs help determining which stores have the better deals.

1. At Grocery Mart, strawberries cost \$2.99 for 2 lb., and at Baldwin Hills Market strawberries are \$3.99 for 3 lb.

- a. What is the unit price of strawberries at each grocery store? If necessary, round to the nearest penny.

Grocery Mart: \$1.50 per pound (1.495 rounded to nearest penny)

Baldwin Hills Market: \$1.33 per pound

- b. If the Scott family wanted to save money, where should they go to buy strawberries? Why?

Possible Answer: The Scott family should go to Baldwin Hills Market because the strawberries cost less money there than at Grocery Mart.

2. Potatoes are on sale at both Grocery Mart and Baldwin Hills Market. At Grocery Mart, a 5 lb. bag of potatoes cost \$2.85, and at Baldwin Hills Market a 7 lb. bag of potatoes costs \$4.20. Which store offers the best deal on potatoes? How do you know? How much better is the deal?

Grocery Mart: \$0.57 per pound

Baldwin Hills Market: \$0.60 per pound

Grocery Mart offers the best deal on potatoes because potatoes cost \$0.03 less per pound at Grocery Mart when compared to Baldwin Hills Market.