

Ready® Mathematics**Lesson 3 Quiz****Solve the problems.**

- 1** For a recipe, Paul uses 3 cups of sugar for every 4 cups of flour. Which table shows equivalent ratios for this recipe?

A

Cups of Sugar	3	6	9	12
Cups of Flour	4	7	10	13

B

Cups of Sugar	3	6	9	12
Cups of Flour	4	8	12	16

C

Cups of Sugar	3	4	5	6
Cups of Flour	4	5	6	7

D

Cups of Sugar	3	7	11	15
Cups of Flour	4	7	10	13

- 2** Mr. Herman subscribes to a monthly architecture magazine. It costs him \$72 for an 18-month subscription.

Tell whether each statement about ratios is *True* or *False*.

- a. Divide 18 by \$72 to find the amount Mr. Herman pays for one magazine. ☐ True ☐ False
- b. The ratio of cost to number of magazines is 72:18. ☐ True ☐ False
- c. Each magazine costs \$4. ☐ True ☐ False
- d. Mr. Herman pays \$15 for 3 magazines. ☐ True ☐ False

- 3** Dennis ran 3 miles in 20 minutes and continues running at this rate for 1 hour. Cindy ran 6 miles in 30 minutes and continues running at this rate for 1 hour.

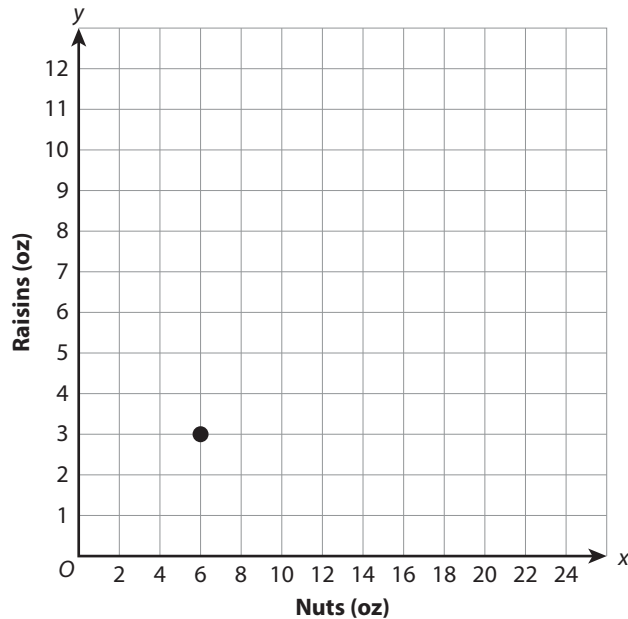
Fill in the blanks to complete the sentences.

Dennis will run _____ miles in 1 hour. Cindy will run _____ miles in 1 hour. _____ will run _____ mile(s) farther than _____ in 1 hour.



Lesson 3 Quiz continued

- 4** A batch of trail mix has nuts to raisins at the rate shown on the graph.

**Part A**

Fill in the blanks to explain the relationships shown by the graph.

The ratio of ounces of nuts to ounces of raisins is _____ to _____. In 4 batches of trail mix, the number of ounces of nuts is _____ and the number of ounces of raisins is _____.

The ordered pair (18, 9) means 18 ounces of _____ to 9 ounces of _____.

Part B

Which table shows equivalent ratios for the batches of trail mix?

A

Nuts (oz)	6	9	12
Raisins (oz)	12	18	24

C

Nuts (oz)	9	12	15
Raisins (oz)	6	9	12

B

Nuts (oz)	9	15	21
Raisins (oz)	12	18	24

D

Nuts (oz)	12	18	24
Raisins (oz)	6	9	12

