Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Core: \_\_\_\_\_\_\_\_\_\_\_

Unit 5 Study Guide/6

Solve. Show your work.

1. Kayla spent $8.75 for lunch, $43.50 for shoes and $15.45 for a scarf. How

much did Kayla spend in all?

2. Nectarines are $1.99 per pound. How much would 3.8 pounds cost?

3. Add or subtract each problem.

A) 0.129 + 62.78 B) 97 – 0.457

4. What is 18% (18% = .18) of 67.23?

5. Which expressions are greater than 4?

A) 5 – 4.005 B) 3.245 + 0.760

C) 6.12 – 2.2 D) 1.065 + 2.98

6. Megan has a piece of ribbon that is 24.81 feet long. If she wants to cut the

ribbon into pieces that are 3 feet long how many pieces of ribbon will she

have?

7. Mr. Green was traveling by car to a business trip. If he drove at an average

speed of 72.4 miles per hour, how far could he travel in 5.4 hours?

(speed • hours = distance)

8. A bus travels at an average speed of 65.1 miles per hour. At this speed, how

far could the bus travel in 8.2 hours? (speed • hours = distance)

9. Select all the values that have the same value as 457 ÷ 5.

A) 45.7 ÷ 0.5 B) 0.457 ÷ 0.05

C) 4570 ÷ 5 D) 45700 ÷ 500

E) 4.57 ÷ 0.005 F) 4570 ÷ 50

G) 0.0457 ÷ 0.0005 H) 4.57 ÷ 0.05

10. Find each quotient using long division.

A) 3336 ÷ 8 B) 3705 ÷ 15

11. Jon drove 453.75 miles in 7.5 hours. What was the speed Jon was driving?

(distance ÷ hours = speed)

12. Bill drove 288.08 miles in 5.2 hours. What was the speed Bill was driving?

(distance ÷ hours = speed)