Name _____   Date _____

Ready® Mathematics

Lesson 4A   Quiz

Solve the problems.

1 Julie weighs five watermelons and rounds the weights to the nearest hundredth. Which of the weights round to 7.43 pounds?

Circle all the correct answers.

A   7.429

B   7.437

C   7.433

D   7.413

E   7.425

2 Write $>$, $=$, or $<$ to complete the comparisons.

19.657 ____ $19\frac{67}{100}$

$7\frac{4}{10}$ ____ 7.421

70.241 ____ $70\frac{241}{1,000}$

45.386 ____ 45.368

3 Ms. Santos is organizing some extra pieces of copper wire by mass. The box shows each mass in grams. She then rounds each mass to the nearest tenth.

6.723   6.538   6.647   6.49   6.687   6.56

Write each decimal in the column that shows its correct rounded mass.

6.5 grams	6.6 grams	6.7 grams

1

Lesson 4A Quiz continued

4 Ian and Rosa race in a speed skating competition. Ian records a time of 42.839 seconds. Rosa records a time of 42.782 seconds.

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

a. Rounded to the nearest tenth of a second, the times are equal.　　☐ True　☐ False

b. Rosa's time is closer to 42.78 seconds than 42.79 seconds.　　☐ True　☐ False

c. Ian's time is closer to 42.84 seconds than to 42.83 seconds.　　☐ True　☐ False

d. Rounded to the nearest hundredth of a second,　　☐ True　☐ False
Rosa's time is slower than Ian's.

5 Isabella ran the 100-meter dash five times. The time it took her to complete each race, in seconds, was 12.7, 12.807, 12.78, 12.08, and 12.087.

Part A

Isabella wants to order the race times from her longest time to her shortest time.

Write the decimals in order from greatest to least.

_____　_____　_____　_____　_____

Part B

Kayla explains how she compares Isabella's last two race times of 12.08 and 12.087 seconds.

Fill in the blanks to complete her explanation.

To find the greater number, I can compare the digits from greatest to least

place value. I write 12.08 as _____ so that it has the same number of

digits as 12.087. When I compare the digits in each place value, I see that the

digits are different for the first time in the _____ place. Since the value

of the digit 0 is _____ than the value of the digit _____,

I know that 12.08 _____ 12.087.

2