Name _____

Divide Decimals

COMMON CORE STANDARDS CC.5.NBT.2, CC.5.NBT.7

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Divide.

1. $0.4\overline{)8.4}$

Multiply both 0.4 and 8.4 by 10 to make the divisor a whole number. Then divide.

$$\begin{array}{r} 21 \\ 4\overline{)84} \\ -8 \\ \hline 04 \\ -4 \\ \hline 0 \end{array}$$

2. $0.2\overline{)0.4}$

3. $0.07\overline{)1.68}$

4. $0.37\overline{)5.18}$

5. $0.4\overline{)10.4}$

6. $6.3 \div 0.7$

7. $1.52 \div 1.9$

8. $12.24 \div 0.34$

9. $10.81 \div 2.3$

Problem Solving REAL WORLD

10. At the market, grapes cost $0.85 per pound. Clarissa buys grapes and pays a total of $2.55. How many pounds of grapes does she buy?

11. Damon kayaks on a river near his home. He plans to kayak a total of 6.4 miles. Damon kayaks at an average speed of 1.6 miles per hour. How many hours will it take Damon to kayak the 6.4 miles?

TEST PREP

Lesson Check (CC.5.NBT.2, CC.5.NBT.7)

1. Lee walked a total of 4.48 miles. If he walks 1.4 miles each hour. How long did Lee walk?

   (A) 3.08 hours

   (B) 3.2 hours

   (C) 6.272 hours

   (D) 32 hours

2. Janelle has 3.6 yards of wire, which she wants to use to make bracelets. She needs 0.3 yard for each bracelet. Altogether, how many bracelets can Janelle make?

   (A) 1.08

   (B) 3.3

   (C) 3.9

   (D) 12

Spiral Review (CC.5.NBT.2, CC.5.NBT.3b, CC.5.NBT.7)

3. Susie's teacher asks her to complete the multiplication problem below. What is the product? **(Lesson 4.7)**

$$\begin{array}{r} 0.3 \\ \times\ 3.7 \\ \hline \end{array}$$

   (A) 0.111

   (B) 1.11

   (C) 11.1

   (D) 111

4. At an Internet store, a laptop computer costs \$724.99. At a local store, the same computer costs \$879.95. What is the difference in prices? **(Lesson 3.9)**

   (A) \$154.96

   (B) \$155.04

   (C) \$155.16

   (D) \$155.96

5. Continue the pattern below. What is the quotient $75.8 \div 10^2$? **(Lesson 5.1)**

$$75.8 \div 10^0 = 75.8$$

$$75.8 \div 10^1 = \_\_\_\_\_$$

$$75.8 \div 10^2 = \_\_\_\_\_$$

   (A) 0.758

   (B) 7.58

   (C) 758

   (D) 7,580

6. Which number will make the following statement true? **(Lesson 3.3)**

$$58.827 < 58.\square 1$$

   (A) 2

   (B) 3

   (C) 8

   (D) 9