

Name \_\_\_\_\_

## Division of Decimals by Whole Numbers



**COMMON CORE STANDARDS** MACC.5.NBT.1.2,  
MACC.5.NBT.2.7

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

**Divide.**

$$\begin{array}{r} 1.32 \\ 7 \overline{)9.24} \\ \underline{-7} \phantom{00} \\ 22 \phantom{0} \\ \underline{-21} \phantom{0} \\ 14 \phantom{0} \\ \underline{-14} \phantom{0} \\ 0 \end{array}$$

$$2. \ 6 \overline{)5.04}$$

$$3. \ 23 \overline{)85.1}$$

$$4. \ 36 \overline{)86.4}$$

$$5. \ 6 \overline{)6.48}$$

$$6. \ 8 \overline{)59.2}$$

$$7. \ 5 \overline{)2.35}$$

$$8. \ 41 \overline{)278.8}$$

$$9. \ 19 \overline{)\$70.49}$$

$$10. \ 4 \overline{)\$9.48}$$

$$11. \ 18 \overline{)82.8}$$

$$12. \ 37 \overline{)32.93}$$

## Problem Solving



- 13.** On Saturday, 12 friends go ice skating. Altogether, they pay \$83.40 for admission. They share the cost equally. How much does each person pay?

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- 14.** A team of 4 people participates in a 400-yard relay race. Each team member runs the same distance. The team completes the race in a total of 53.2 seconds. What is the average running time for each person?

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## Lesson Check (MACC.5.NBT.1.2, MACC.5.NBT.2.7)

- Theresa pays \$9.56 for 4 pounds of tomatoes. What is the cost of 1 pound of tomatoes?  
 (A) \$0.24  
 (B) \$2.39  
 (C) \$23.90  
 (D) \$38.24
- Robert wrote the division problem below. What is the quotient?  

$$13 \overline{)83.2}$$
  
 (A) 6.4  
 (B) 6.6  
 (C) 64  
 (D) 66

## Spiral Review (MACC.5.OA.1.1, MACC.5.NBT.1.2, MACC.5.NBT.2.6, MACC.5.NBT.2.7)

- What is the value of the following expression?  
 (Lesson 1.12)  

$$2 \times \{6 + [12 \div (3 + 1)]\} - 1$$
  
 (A) 13  
 (B) 17  
 (C) 18  
 (D) 21
- Last month, Dory biked 11 times as many miles as Karly. Together they biked a total of 156 miles. How many miles did Dory bike last month? (Lesson 2.9)  
 (A) 11 miles  
 (B) 13 miles  
 (C) 142 miles  
 (D) 143 miles
- Jin ran 15.2 miles over the weekend. He ran 6.75 miles on Saturday. How many miles did he run on Sunday? (Lesson 3.9)  
 (A) 8.45 miles  
 (B) 8.55 miles  
 (C) 9.45 miles  
 (D) 9.55 miles
- A bakery used 475 pounds of apples to make 1,000 apple tarts. Each tart contains the same amount of apples. How many pounds of apples are used in each tart?  
 (Lesson 5.1)  
 (A) 47.5 pounds  
 (B) 4.75 pounds  
 (C) 0.475 pound  
 (D) 0.0475 pound