

# 4.11

## Dividing a Decimal by a Whole Number

### • Example 1

Divide 29.21 by 23.

Do the division just as if you were dealing with whole numbers. Just remember to place the decimal point in the quotient *directly above* the one in the dividend.

$$\begin{array}{r} 1.27 \\ 23 \overline{)29.21} \\ \underline{23} \phantom{00} \\ 62 \\ \underline{46} \phantom{00} \\ 161 \\ \underline{161} \\ 0 \end{array}$$

The quotient is 1.27.

### ● ● ● CHECK YOURSELF 1

Divide 80.24 by 34.

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### ● ● ● CHECK YOURSELF ANSWER

1. 2.36.

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# 4.11 Exercises

Name \_\_\_\_\_

Section \_\_\_\_\_

Date \_\_\_\_\_

## A N S W E R S

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

Divide.

- |                    |                    |
|--------------------|--------------------|
| 1. $16.68 \div 6$  | 2. $43.92 \div 8$  |
| 3. $1.92 \div 4$   | 4. $5.52 \div 6$   |
| 5. $5.48 \div 8$   | 6. $2.76 \div 8$   |
| 7. $13.89 \div 6$  | 8. $21.92 \div 5$  |
| 9. $4.68 \div 6$   | 10. $34.65 \div 9$ |
| 11. $3.745 \div 7$ | 12. $4.95 \div 6$  |