

3.10

Dividing Decimals by Whole Numbers

• 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.

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

The quotient is 1.27.

• • • CHECK YOURSELF 1

Divide 80.24 by 34.

• • • CHECK YOURSELF ANSWER

1. 2.36.

3.10 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. $4.95 \div 6$ |