

# Lesson 6 Reteach

## Estimate Quotients

When estimating a quotient, find numbers that are compatible with each other to make it easier to divide mentally.

### Example 1

#### Estimate a Quotient

Estimate  $15.1 \div 5.7$ .

$$5.7 \overline{)15.1} \longrightarrow 5 \overline{)15}^3$$

Round 5.7 to 5 since 15 and 5 are compatible numbers.

The quotient is *about* 3.

### Exercises

Estimate each quotient.

1.  $71.4 \div 9.3$

2.  $53.8 \div 17.2$

3.  $12.6 \div 4.2$

4.  $31.5 \div 7.9$

5.  $50.2 \div 5.3$

6.  $18.9 \div 5.8$

7.  $24.7 \div 4.8$

8.  $9.2 \div 4.7$

9.  $34.2 \div 4.5$

10.  $99.1 \div 24.7$

11.  $44.9 \div 9.3$

12.  $19.4 \div 2.1$