**Guided Practice**

**Do You Understand?**

In 1 and 2, use the example on the previous page.

1. Where is 5.3 shown in the diagram?

2. **Use Structure** How can you check that the quotient 5.3 is reasonable? Explain.

**Do You Know How?**

In 3 and 4, complete the division problem.

3. \( \underline{49}\) \( \underline{3} \) \( \underline{0} \) \( \underline{6} \) \( \underline{2} \) \( \underline{5} \)

   \[ \begin{array}{c}
   \underline{9} \\
   \underline{1} \\
   \underline{9} \ 8 \\
   \underline{2} \ 4 \ 5 \\
   \end{array} \]

4. \( \underline{15}\) \( \underline{1} \) \( \underline{4} \) \( \underline{. \ 4} \) \( \underline{. \ 4} \)

   \[ \begin{array}{c}
   \underline{9} \\
   \underline{0} \\
   \underline{0} \\
   \end{array} \]

**Independent Practice**

**Leveled Practice** In 5–12, find each quotient.

5. \( \underline{17}\) \( \underline{7} \) \( \underline{8} \) \( \underline{. \ 2} \)

   \[ \begin{array}{c}
   \underline{0} \\
   \underline{0} \\
   \end{array} \]

6. \( \underline{40}\) \( \underline{2} \) \( \underline{3} \) \( \underline{2} \) \( \underline{. \ 0} \)

   \[ \begin{array}{c}
   \underline{0} \\
   \underline{0} \\
   \end{array} \]

7. \( \underline{53}\) \( \underline{3} \) \( \underline{0} \) \( \underline{4} \) \( \underline{. \ 7} \) \( \underline{. \ 5} \)

   \[ \begin{array}{c}
   \underline{3} \ 1 \ 7 \ 1 \\
   \underline{2} \ 6 \ 5 \\
   \end{array} \]

8. \( \underline{18}\) \( \underline{1} \) \( \underline{5} \) \( \underline{. \ 3} \) \( \underline{. \ 5} \)

   \[ \begin{array}{c}
   \underline{9} \\
   \underline{0} \\
   \underline{0} \\
   \end{array} \]

9. \( \underline{27}\) \( \underline{9} \) \( \underline{1} \) \( \underline{8} \)

10. \( \underline{15}\) \( \underline{3} \) \( \underline{9} \)

11. \( \underline{88}\) \( \underline{3} \) \( \underline{9} \) \( \underline{6} \)

12. \( \underline{50}\) \( \underline{2} \) \( \underline{4} \) \( \underline{7} \) \( \underline{. \ 5} \)

*For another example, see Set D on page 358.*
13. Sharon pays $98.75 for twenty-five 14-ounce boxes of Yummy Flakes cereal. How much does one box of cereal cost?

14. Reasoning Javier bought a new TV for $479.76. He will make equal payments each month for 2 years. How can Javier use compatible numbers to estimate each payment?

15. Higher Order Thinking The area of the rectangular flowerbed shown is 20.4 square meters. How many meters of edging are needed to go around the flowerbed? Explain.

16. Make Sense and Persevere Ms. Wang is shopping for a new refrigerator. Brand A costs $569 and uses 635 kilowatt-hours per year. Brand B costs $647 and uses 582 kilowatt-hours per year. If electricity costs $0.18 per kilowatt-hour, how much would Ms. Wang save on electricity per year by buying Brand B?

17. Pat is driving from Seattle to Los Angeles. The distance is 1,135 miles. For the first 250 miles, it costs Pat $0.29 a mile to drive. After that, her driving cost is $0.16 a mile. What is Pat’s total driving cost?

18. Which is equal to 27.3 divided by 13?
   A  0.21
   B  2.01
   C  2.1
   D  21

19. Which is equal to 73.5 divided by 21?
   A  0.35
   B  3.05
   C  3.5
   D  30.5