

VOCABULARY
dividend
divisor
remainder

► **Vocabulary**

Choose the best term from the box. (Lesson 5-1)

- In $240 \div 6 = 40$, the number 6 is the _____.
- In $240 \div 6 = 40$, the number 240 is the _____.

► **Concepts and Skills**

- Explain why $0.04 \overline{)3.6}$ has the same answer as $4 \overline{)360}$.
(Lessons 5-7, 5-8)

- Why does dividing 5 by a decimal less than 1 give a quotient greater than 5? (Lessons 5-7 through 5-10)

Divide. (Lesson 5-6, 5-7, 5-8)

- | | |
|---------------------------|----------------------------|
| 5. $75 \div 10^1 =$ _____ | 6. $4.9 \div 10^1 =$ _____ |
| $75 \div 10^2 =$ _____ | $4.9 \div 10^2 =$ _____ |
| $75 \div 10^3 =$ _____ | $4.9 \div 10^3 =$ _____ |
| 7. $13 \div 0.1 =$ _____ | 8. $5.26 \div 0.1 =$ _____ |
| $13 \div 0.01 =$ _____ | $5.26 \div 0.01 =$ _____ |
| $13 \div 0.001 =$ _____ | $5.26 \div 0.001 =$ _____ |

Divide. Express remainders as whole numbers.
(Lessons 5-1 through 5-5)

9. $13 \overline{)74}$

10. $43 \overline{)550}$

11. $22 \overline{)5,006}$

12. $7 \overline{)3,535}$

Divide. (Lessons 5-6 through 5-10)

13. $6 \overline{)43.2}$

14. $8 \overline{)0.48}$

15. $34 \overline{)297.5}$

16. $13 \overline{)3.38}$

17. $0.09 \overline{)81}$

18. $0.7 \overline{)903}$

19. $0.6 \overline{)13.2}$

20. $0.5 \overline{)2.25}$

21. $0.32 \overline{)0.8}$

22. $0.12 \overline{)1.44}$

23. $14 \overline{)171.5}$

► Problem Solving

Solve.

24. Monica's tomato plant is 1.26 meters tall. Sascha's tomato plant is 0.84 meters tall. The height of Monica's plant is how many times the height of Sascha's? (Lessons 5-6 through 5-11)

25. **Extended Response** Use the fact that $133 \div 9 = 14 \text{ R}7$ to solve Problems a and b. Explain what you do with the remainder in each case. (Lesson 5-8 through 5-11)

a. There will be 133 children attending summer camp. Nine children can sleep in each cabin. How many cabins will be needed?

b. Freya has \$1.33. She buys as many pencils as she can for 9¢ each. How many pencils does she buy?