3-Digit ÷ 1- and 2-Digit Division

30 Problems

Name: _____ Date: _____

Solve each problem. If there is a remainder, write it as R (e.g., 437 ÷ 3 = 145 R 2). Show your work using long division, partial quotients, or any method you prefer.

Single-Digit Divisor · Clean Quotients (Problems 1–10)

Every problem in this section divides evenly (no remainder).

1. 246 ÷ 2 = ? Answer: _____	**2.** 396 ÷ 3 = ? Answer: _____	**3.** 504 ÷ 4 = ? Answer: _____
4. 625 ÷ 5 = ? Answer: _____	**5.** 648 ÷ 6 = ? Answer: _____	**6.** 735 ÷ 7 = ? Answer: _____
7. 824 ÷ 8 = ? Answer: _____	**8.** 729 ÷ 9 = ? Answer: _____	**9.** 354 ÷ 6 = ? Answer: _____
10. 532 ÷ 4 = ? Answer: _____		

Single-Digit Divisor · With Remainders (Problems 11–15)

These do NOT divide evenly. Write the remainder.

11. 437 ÷ 3 = ? Answer: _____	**12.** 615 ÷ 8 = ? Answer: _____	**13.** 800 ÷ 7 = ? Answer: _____
14. 953 ÷ 6 = ? Answer: _____	**15.** 716 ÷ 5 = ? Answer: _____	

Two-Digit Divisor · Clean Quotients (Problems 16–26)

These divide evenly. Estimate first to plan your work.

16. 240 ÷ 12 = ? Answer: _____	**17.** 396 ÷ 11 = ? Answer: _____	**18.** 480 ÷ 15 = ? Answer: _____
19. 575 ÷ 25 = ? Answer: _____	**20.** 504 ÷ 14 = ? Answer: _____	**21.** 728 ÷ 13 = ? Answer: _____
22. 845 ÷ 13 = ?	**23.** 612 ÷ 17 = ?	**24.** 945 ÷ 27 = ?

Answer: _____	Answer: _____	Answer: _____
25. 798 ÷ 21 = ? Answer: _____	**26.** 437 ÷ 19 = ? Answer: _____	

Two-Digit Divisor · With Remainders (Problems 27–30)

Two-digit divisors AND messy remainders. Take your time.

27. 583 ÷ 16 = ? Answer: _____	**28.** 700 ÷ 23 = ? Answer: _____	**29.** 825 ÷ 18 = ? Answer: _____
30. 962 ÷ 47 = ? Answer: _____		

Stop and Think

Each of these tests an idea — not just a calculation.

A. Check your answer to Problem 1 (246 ÷ 2 = ?) by MULTIPLYING. Show that your check works.

B. What does the REMAINDER mean? In Problem 12 (615 ÷ 8 = 76 R 7), explain what the 7 represents.

C. Without computing exactly, would the quotient of 800 ÷ 7 be closer to 100 or to 200? Why?

D. Mai says: "Division is just repeated subtraction." Use 396 ÷ 11 to show what she means. (Hint: how many 11s fit in 396?)

E. If 945 ÷ 27 = 35, then 27 × 35 = ? And 945 ÷ 35 = ? Fill in BOTH without long division. Explain the relationship.

F. Story problem: 528 students are going on a field trip. Each bus holds 24 students. How many buses do they need? (Hint: think carefully about the remainder.)

Answer: _____ buses