

Dividing 3 digits by 1 with remainder

Divide the hundreds.

$$\begin{array}{r} 1 \\ 6 \overline{)748} \\ \underline{6} \\ 14 \end{array}$$

Divide. $6 \overline{)7}$
 Multiply. $6 \times 1 = 6$
 Subtract. $7 - 6 = 1$
 Compare. $1 < 6$
 Bring down the tens.

Divide the tens.

$$\begin{array}{r} 12 \\ 6 \overline{)748} \\ \underline{6} \\ 14 \\ \underline{12} \\ 28 \end{array}$$

Divide. $6 \overline{)14}$
 Multiply. $6 \times 2 = 12$
 Subtract. $14 - 12 = 2$
 Compare. $2 < 6$
 Bring down the ones.

Divide the ones.

$$\begin{array}{r} 124 \text{ R}4 \\ 6 \overline{)748} \\ \underline{6} \\ 14 \\ \underline{12} \\ 28 \\ \underline{24} \\ 4 \end{array}$$

Divide. $6 \overline{)28}$
 Multiply. $6 \times 4 = 24$
 Subtract. $28 - 24 = 4$
 Compare. $4 < 6$
 Write the remainder.

Practice

Divide. Show your work.

1. $4 \overline{)449}$

2. $6 \overline{)682}$

3. $3 \overline{)635}$

4. $2 \overline{)869}$

5. $5 \overline{)594}$

6. $4 \overline{)925}$

7. $7 \overline{)784}$

8. $6 \overline{)826}$

9. $8 \overline{)916}$

10. $5 \overline{)727}$

11. $2 \overline{)916}$

12. $7 \overline{)919}$

13. $4 \overline{)857}$

14. $6 \overline{)885}$

15. $3 \overline{)558}$

16. $5 \overline{)962}$

Copy and divide.

17. $437 \div 2$

18. $789 \div 4$

19. $896 \div 8$

20. $416 \div 3$

21. $775 \div 6$

22. $815 \div 5$

23. $593 \div 2$

24. $779 \div 7$

25. $956 \div 7$

26. $651 \div 3$

27. $912 \div 5$

28. $852 \div 4$

Problem Solving

Solve each problem.

29. Li is packing tomato plants into boxes that hold 5 plants each. Li has 598 plants. How many boxes will she need? How many plants are left over?

30. Mr. Hawthorne is putting 4 chairs at each table in his cafe. If Mr. Hawthorne has 462 chairs, how many tables can he supply? How many chairs are left over?