

Divide using short division.

1. $3 \overline{)81,993}$

27,331 ✓

28,321

2. $6 \overline{)84,174}$

15,028

14,029

3. $5 \overline{)490,135}$

98,027

97,127

4. $7 \overline{)315,714}$

45,125

35,105

5. $688,932 \div 4$

182,333

172,233

6. $912,848 \div 8$

114,106

115,116

7. $2,496,598 \div 2$

1,248,299

2,228,339

8. $6,975,687 \div 3$

3,325,339

2,325,229

Predict if the quotient has a remainder. Explain why or why not. Then divide to check your prediction.

9. $5 \overline{)509,845}$

No ✓

Yes

10. $3 \overline{)68,734}$

No

Yes

11. $2 \overline{)149,568}$

No

Yes

12. $3 \overline{)710,625}$

No

Yes

Find each quotient by short division. Use R to write remainders.

Check by multiplying the divisor and the quotient and then adding the remainder.

13. $4 \overline{)137,973}$

34,493

R1

14. $9 \overline{)836,138}$

15. $5 \overline{)139,864}$

16. $7 \overline{)180,523}$

17. $\$8157.75 \div 5$

18. $\$644.68 \div 4$

19. $36,570 \div 7$

20. $19,580 \div 6$

Write the divisor. Use divisibility rules to help you.

21. $\begin{array}{r} 2891 \\ ? \overline{)5782} \end{array}$

3

2 ✓

22. $\begin{array}{r} 1966 \\ ? \overline{)5898} \end{array}$

5

3

23. $\begin{array}{r} 7,489 \text{ R3} \\ ? \overline{)67,404} \end{array}$

9

1

24. $\begin{array}{r} 7,915 \text{ R7} \\ ? \overline{)63,327} \end{array}$

5

8