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

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