

WORK SHEET

Find the quotient and remainder for the following using the long division algorithm.

$$1. \quad 21 \overline{)827}$$

$$6. \quad 60 \overline{)8501}$$

$$11. \quad 10 \overline{)9170}$$

$$16. \quad 61 \overline{)6151}$$

$$21. \quad 14 \overline{)7461}$$

$$2. \quad 40 \overline{)6751}$$

$$7. \quad 45 \overline{)3558}$$

$$12. \quad 9 \overline{)7779}$$

$$17. \quad 20 \overline{)3244}$$

$$22. \quad 37 \overline{)8935}$$

$$3. \quad 42 \overline{)1409}$$

$$8. \quad 68 \overline{)4495}$$

$$13. \quad 95 \overline{)987}$$

$$18. \quad 92 \overline{)8337}$$

$$23. \quad 99 \overline{)956}$$

$$4. \quad 27 \overline{)7326}$$

$$9. \quad 17 \overline{)4107}$$

$$14. \quad 32 \overline{)8730}$$

$$19. \quad 46 \overline{)2184}$$

$$24. \quad 14 \overline{)5146}$$

$$5. \quad 47 \overline{)3027}$$

$$10. \quad 79 \overline{)311}$$

$$15. \quad 25 \overline{)3759}$$

$$20. \quad 33 \overline{)6495}$$

$$25. \quad 11 \overline{)3767}$$

ANSWER

1.
$$\begin{array}{r} 39 \\ \times 21 \\ \hline 827 \end{array}$$

6.
$$\begin{array}{r} 141 \\ \times 60 \\ \hline 8501 \end{array}$$

2.
$$\begin{array}{r} 168 \\ \times 40 \\ \hline 6751 \end{array}$$

3.
$$\begin{array}{r} 33 \\ \times 42 \\ \hline 1409 \end{array}$$

4.
$$\begin{array}{r} 271 \\ \times 27 \\ \hline 7326 \end{array}$$

5.
$$\begin{array}{r} 64 \\ \times 47 \\ \hline 3027 \end{array}$$

11.
$$\begin{array}{r} 917 \\ \times 10 \\ \hline 9170 \end{array}$$

12.
$$\begin{array}{r} 864 \\ \times 9 \\ \hline 7779 \end{array}$$

7.
$$\begin{array}{r} 79 \\ \times 45 \\ \hline 3558 \end{array}$$

8.
$$\begin{array}{r} 66 \\ \times 68 \\ \hline 4495 \end{array}$$

13.
$$\begin{array}{r} 10 \\ \times 95 \\ \hline 987 \end{array}$$

14.
$$\begin{array}{r} 272 \\ \times 32 \\ \hline 8730 \end{array}$$

9.
$$\begin{array}{r} 241 \\ \times 17 \\ \hline 4107 \end{array}$$

10.
$$\begin{array}{r} 3 \\ \times 79 \\ \hline 311 \end{array}$$

16.
$$\begin{array}{r} 100 \\ \times 61 \\ \hline 6151 \end{array}$$

17.
$$\begin{array}{r} 162 \\ \times 20 \\ \hline 3244 \end{array}$$

22.
$$\begin{array}{r} 241 \\ \times 37 \\ \hline 8935 \end{array}$$

18.
$$\begin{array}{r} 90 \\ \times 92 \\ \hline 8337 \end{array}$$

19.
$$\begin{array}{r} 47 \\ \times 46 \\ \hline 2184 \end{array}$$

20.
$$\begin{array}{r} 196 \\ \times 33 \\ \hline 6495 \end{array}$$

25.
$$\begin{array}{r} 342 \\ \times 11 \\ \hline 3767 \end{array}$$

21.
$$\begin{array}{r} 532 \\ \times 14 \\ \hline 7461 \end{array}$$

23.
$$\begin{array}{r} 9 \\ \times 99 \\ \hline 956 \end{array}$$

24.
$$\begin{array}{r} 367 \\ \times 14 \\ \hline 5146 \end{array}$$

26.
$$\begin{array}{r} 33 \\ \times 11 \\ \hline 367 \end{array}$$