

WORKSHEET

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

1. $21 \overline{)827}$

6. $60 \overline{)8501}$

11. $10 \overline{)9170}$

16. $61 \overline{)6151}$

21. $14 \overline{)7461}$

2. $40 \overline{)6751}$

7. $45 \overline{)3558}$

12. $9 \overline{)7779}$

17. $20 \overline{)3244}$

22. $37 \overline{)8935}$

3. $42 \overline{)1409}$

8. $68 \overline{)4495}$

13. $95 \overline{)987}$

18. $92 \overline{)8337}$

23. $99 \overline{)956}$

4. $27 \overline{)7326}$

9. $17 \overline{)4107}$

14. $32 \overline{)8730}$

19. $46 \overline{)2184}$

24. $14 \overline{)5146}$

5. $47 \overline{)3027}$

10. $79 \overline{)311}$

15. $25 \overline{)3759}$

20. $33 \overline{)6495}$

25. $11 \overline{)3767}$

ANSWERS

$$\begin{array}{r} 39 \\ 21 \overline{)827} \\ \underline{63} \\ 197 \\ \underline{189} \\ 8 \end{array}$$

$$\begin{array}{r} 168 \\ 40 \overline{)6751} \\ \underline{40} \\ 275 \\ \underline{240} \\ 351 \\ \underline{320} \\ 31 \end{array}$$

$$\begin{array}{r} 33 \\ 42 \overline{)1409} \\ \underline{126} \\ 149 \\ \underline{126} \\ 23 \end{array}$$

$$\begin{array}{r} 271 \\ 27 \overline{)7326} \\ \underline{54} \\ 192 \\ \underline{189} \\ 36 \\ \underline{27} \\ 9 \end{array}$$

$$\begin{array}{r} 64 \\ 47 \overline{)3027} \\ \underline{282} \\ 207 \\ \underline{188} \\ 19 \end{array}$$

$$\begin{array}{r} 141 \\ 60 \overline{)8501} \\ \underline{60} \\ 250 \\ \underline{240} \\ 101 \\ \underline{60} \\ 41 \end{array}$$

$$\begin{array}{r} 79 \\ 45 \overline{)3558} \\ \underline{315} \\ 408 \\ \underline{405} \\ 3 \end{array}$$

$$\begin{array}{r} 66 \\ 68 \overline{)4495} \\ \underline{408} \\ 415 \\ \underline{408} \\ 7 \end{array}$$

$$\begin{array}{r} 241 \\ 17 \overline{)4107} \\ \underline{34} \\ 70 \\ \underline{68} \\ 27 \\ \underline{17} \\ 10 \end{array}$$

$$\begin{array}{r} 3 \\ 79 \overline{)311} \\ \underline{237} \\ 74 \end{array}$$

$$\begin{array}{r} 917 \\ 10 \overline{)9170} \\ \underline{90} \\ 17 \\ \underline{10} \\ 70 \\ \underline{70} \\ 0 \end{array}$$

$$\begin{array}{r} 864 \\ 9 \overline{)7779} \\ \underline{72} \\ 57 \\ \underline{54} \\ 39 \\ \underline{36} \\ 3 \end{array}$$

$$\begin{array}{r} 10 \\ 95 \overline{)987} \\ \underline{95} \\ 37 \end{array}$$

$$\begin{array}{r} 272 \\ 32 \overline{)8730} \\ \underline{64} \\ 233 \\ \underline{224} \\ 90 \\ \underline{64} \\ 26 \end{array}$$

$$\begin{array}{r} 150 \\ 25 \overline{)3759} \\ \underline{25} \\ 125 \\ \underline{125} \\ 09 \end{array}$$

$$\begin{array}{r} 100 \\ 61 \overline{)6151} \\ \underline{61} \\ 051 \end{array}$$

$$\begin{array}{r} 162 \\ 20 \overline{)3244} \\ \underline{20} \\ 124 \\ \underline{120} \\ 44 \\ \underline{40} \\ 4 \end{array}$$

$$\begin{array}{r} 90 \\ 92 \overline{)8337} \\ \underline{828} \\ 57 \end{array}$$

$$\begin{array}{r} 47 \\ 46 \overline{)2184} \\ \underline{184} \\ 344 \\ \underline{322} \\ 22 \end{array}$$

$$\begin{array}{r} 196 \\ 33 \overline{)6495} \\ \underline{33} \\ 319 \\ \underline{297} \\ 225 \\ \underline{198} \\ 27 \end{array}$$

$$\begin{array}{r} 532 \\ 14 \overline{)7461} \\ \underline{70} \\ 46 \\ \underline{42} \\ 41 \\ \underline{28} \\ 13 \end{array}$$

$$\begin{array}{r} 241 \\ 37 \overline{)8935} \\ \underline{74} \\ 153 \\ \underline{148} \\ 55 \\ \underline{37} \\ 18 \end{array}$$

$$\begin{array}{r} 9 \\ 99 \overline{)956} \\ \underline{891} \\ 65 \end{array}$$

$$\begin{array}{r} 367 \\ 14 \overline{)5146} \\ \underline{42} \\ 94 \\ \underline{84} \\ 106 \\ \underline{98} \\ 8 \end{array}$$

$$\begin{array}{r} 342 \\ 11 \overline{)3767} \\ \underline{33} \\ 46 \\ \underline{44} \\ 27 \\ \underline{22} \\ 5 \end{array}$$