

Long Division

Date _____ Period _____

Find each quotient. If the division results in a remainder, show the remainder as a fraction in your final answer.

1) $105 \div 5$

2) $396 \div 9$

3) $509 \div 2$

4) $223 \div 2$

5) $5552 \div 78$

6) $1520 \div 82$

7) $1133 \div 2$

8) $3434 \div 4$

9) $68055 \div 72$

10) $77613 \div 84$

11) $10870 \div 6$

12) $15860 \div 9$

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1) $105 \div 5$

$$\begin{array}{r} 21 \\ 5 \overline{) 105} \\ \underline{-100} \\ 5 \\ \underline{-5} \\ 0 \end{array}$$

21

2) $396 \div 9$

$$\begin{array}{r} 44 \\ 9 \overline{) 396} \\ \underline{-360} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

44

3) $509 \div 2$

$$\begin{array}{r} 254 \text{ r } 1 \\ 2 \overline{) 509} \\ \underline{-400} \\ 109 \\ \underline{-100} \\ 9 \\ \underline{-8} \\ 1 \end{array}$$

$254 \frac{1}{2}$

4) $223 \div 2$

$$\begin{array}{r} 111 \text{ r } 1 \\ 2 \overline{) 223} \\ \underline{-200} \\ 23 \\ \underline{-20} \\ 3 \\ \underline{-2} \\ 1 \end{array}$$

$111 \frac{1}{2}$

5) $5552 \div 78$

$$\begin{array}{r} 71 \text{ r } 14 \\ 78 \overline{) 5552} \\ \underline{-5460} \\ 92 \\ \underline{-78} \\ 14 \end{array}$$

$71 \frac{7}{39}$

6) $1520 \div 82$

$$\begin{array}{r} 18 \text{ r } 44 \\ 82 \overline{) 1520} \\ \underline{-820} \\ 700 \\ \underline{-656} \\ 44 \end{array}$$

$18 \frac{22}{41}$

7) $1133 \div 2$

$$\begin{array}{r} 566 \text{ r } 1 \\ 2 \overline{) 1133} \\ \underline{-1000} \\ 133 \\ \underline{-120} \\ 13 \\ \underline{-12} \\ 1 \end{array}$$

$566 \frac{1}{2}$

8) $3434 \div 4$

$$\begin{array}{r} 858 \text{ r } 2 \\ 4 \overline{) 3434} \\ \underline{-3200} \\ 234 \\ \underline{-200} \\ 34 \\ \underline{-32} \\ 2 \end{array}$$

$858 \frac{1}{2}$

9) $68055 \div 72$

$$\begin{array}{r} 945 \text{ r } 15 \\ 72 \overline{) 68055} \\ \underline{-64800} \\ 3255 \\ \underline{-2880} \\ 375 \\ \underline{-360} \\ 15 \end{array}$$

$945 \frac{5}{24}$

10) $77613 \div 84$

$$\begin{array}{r} 923 \text{ r } 81 \\ 84 \overline{) 77613} \\ \underline{-75600} \\ 2013 \\ \underline{-1680} \\ 333 \\ \underline{-252} \\ 81 \end{array}$$

$923 \frac{27}{28}$

11) $10870 \div 6$

$$\begin{array}{r} 1811 \text{ r } 4 \\ 6 \overline{) 10870} \\ \underline{-6000} \\ 4870 \\ \underline{-4800} \\ 70 \\ \underline{-60} \\ 10 \\ \underline{-6} \\ 4 \end{array}$$

$1811 \frac{2}{3}$

12) $15860 \div 9$

$$\begin{array}{r} 1762 \text{ r } 2 \\ 9 \overline{) 15860} \\ \underline{-9000} \\ 6860 \\ \underline{-6300} \\ 560 \\ \underline{-540} \\ 20 \\ \underline{-18} \\ 2 \end{array}$$

$1762 \frac{2}{9}$