

# Dividing Multi-Digit Numbers Puzzle

1  $52 \div 962$   
 2  $2,430 \div 3$   
 3  $810$   
 4  $800 \div 55$   
 5  $430 \div 7$   
 6  $8 = 0919$   
 7  $4 \div 6115$   
 8  $11 R21$   
 9  $21 \div 359$   
 10  $50 R50$   
 11  $18$   
 12  $2,500 \div 40$   
 13  $4,032 \div 27$   
 14  $864 \div 27$   
 15  $15 R15$   
 16  $90 \div 27$   
 17  $1,279 R3$   
 18  $432 \div 24$   
 19  $477 \div 53$   
 20  $1,054 \div 62$   
 21  $21 R36$   
 22  $3,000 \div 59$   
 23  $1,104 \div 39$   
 24  $4,1728 \div 6$   
 25  $525 \div 25$   
 26  $555 \div 36$

# Dividing Multi-Digit Numbers Puzzle Recording Sheet

Show your work and record your solutions below.

1 $\begin{array}{r} 15 \text{ R}22 \\ 44 \overline{)682} \end{array}$	2 $\begin{array}{r} 810 \\ 3 \overline{)2,430} \end{array}$	3 $\begin{array}{r} 788 \\ 6 \overline{)4,728} \end{array}$
4 $\begin{array}{r} 14 \text{ R}30 \\ 55 \overline{)800} \end{array}$	5 $\begin{array}{r} 61 \text{ R}3 \\ 7 \overline{)430} \end{array}$	6 $\begin{array}{r} 18 \\ 24 \overline{)432} \end{array}$
7 $\begin{array}{r} 1,279 \text{ R}3 \\ 4 \overline{)5,119} \end{array}$	8 $\begin{array}{r} 11 \text{ R}21 \\ 25 \overline{)296} \end{array}$	9 $\begin{array}{r} 25 \\ 21 \overline{)525} \end{array}$
10 $\begin{array}{r} 54 \text{ R}5 \\ 12 \overline{)653} \end{array}$	11 $\begin{array}{r} 485 \text{ R}5 \\ 9 \overline{)4,370} \end{array}$	12 $\begin{array}{r} 62 \text{ R}20 \\ 40 \overline{)2,500} \end{array}$
13 $\begin{array}{r} 149 \text{ R}9 \\ 27 \overline{)4,032} \end{array}$	14 $\begin{array}{r} 32 \\ 27 \overline{)864} \end{array}$	15 $\begin{array}{r} 280 \text{ R}1 \\ 3 \overline{)841} \end{array}$

# Dividing Multi-Digit Numbers Puzzle

## Recording Sheet

Keep going! Show your work and record your solutions below.

$\begin{array}{r} 16 \\ 27 \overline{)90} \\ \underline{81} \phantom{0} \\ 90 \phantom{0} \\ \underline{81} \phantom{00} \\ 90 \phantom{00} \\ \underline{81} \phantom{000} \\ 90 \phantom{000} \\ \underline{81} \phantom{0000} \\ 90 \phantom{0000} \end{array}$	$\begin{array}{r} 17 \\ 45 \overline{)981} \\ \underline{90} \phantom{0} \\ 81 \phantom{0} \\ \underline{81} \phantom{00} \\ 00 \phantom{00} \\ \underline{00} \phantom{000} \\ 00 \phantom{000} \end{array}$	$\begin{array}{r} 18 \\ 75 \overline{)6,530} \\ \underline{52} \phantom{00} \\ 133 \phantom{00} \\ \underline{112} \phantom{00} \\ 210 \phantom{00} \\ \underline{225} \phantom{00} \\ 85 \phantom{00} \\ \underline{75} \phantom{000} \\ 100 \phantom{000} \\ \underline{75} \phantom{0000} \\ 250 \phantom{0000} \\ \underline{225} \phantom{0000} \\ 250 \phantom{0000} \\ \underline{225} \phantom{00000} \\ 250 \phantom{00000} \end{array}$
$\begin{array}{r} 19 \\ 53 \overline{)477} \\ \underline{41} \phantom{0} \\ 67 \phantom{0} \\ \underline{59} \phantom{00} \\ 87 \phantom{00} \\ \underline{81} \phantom{000} \\ 67 \phantom{000} \\ \underline{65} \phantom{0000} \\ 27 \phantom{0000} \end{array}$	$\begin{array}{r} 20 \\ 62 \overline{)1,054} \\ \underline{62} \phantom{00} \\ 00 \phantom{00} \\ \underline{00} \phantom{000} \\ 00 \phantom{000} \\ \underline{00} \phantom{0000} \\ 00 \phantom{0000} \end{array}$	$\begin{array}{r} 21 \\ 46 \overline{)920} \\ \underline{92} \phantom{0} \\ 00 \phantom{00} \\ \underline{00} \phantom{000} \\ 00 \phantom{000} \end{array}$
$\begin{array}{r} 22 \\ 59 \overline{)3,000} \\ \underline{59} \phantom{00} \\ 00 \phantom{00} \\ \underline{00} \phantom{000} \\ 00 \phantom{000} \\ \underline{00} \phantom{0000} \\ 00 \phantom{0000} \end{array}$	$\begin{array}{r} 23 \\ 39 \overline{)1,104} \\ \underline{39} \phantom{00} \\ 00 \phantom{00} \\ \underline{00} \phantom{000} \\ 00 \phantom{000} \\ \underline{00} \phantom{0000} \\ 00 \phantom{0000} \end{array}$	$\begin{array}{r} 24 \\ 13 \overline{)455} \\ \underline{39} \phantom{0} \\ 65 \phantom{0} \\ \underline{65} \phantom{00} \\ 00 \phantom{00} \end{array}$
$\begin{array}{r} 25 \\ 86 \overline{)602} \\ \underline{86} \phantom{0} \\ 00 \phantom{00} \\ \underline{00} \phantom{000} \\ 00 \phantom{000} \end{array}$	$\begin{array}{r} 26 \\ 36 \overline{)555} \\ \underline{36} \phantom{00} \\ 19 \phantom{00} \\ \underline{18} \phantom{000} \\ 15 \phantom{000} \\ \underline{144} \phantom{000} \\ 115 \phantom{000} \end{array}$	$\begin{array}{r} 27 \\ 8 \overline{)6,160} \\ \underline{56} \phantom{00} \\ 50 \phantom{00} \\ \underline{48} \phantom{000} \\ 20 \phantom{000} \\ \underline{16} \phantom{0000} \\ 40 \phantom{0000} \\ \underline{40} \phantom{00000} \\ 00 \phantom{00000} \end{array}$
$\begin{array}{r} 28 \\ 63 \overline{)3,024} \\ \underline{63} \phantom{00} \\ 00 \phantom{00} \\ \underline{00} \phantom{000} \\ 00 \phantom{000} \\ \underline{00} \phantom{0000} \\ 00 \phantom{0000} \end{array}$	$\begin{array}{r} 29 \\ 90 \overline{)7,110} \\ \underline{72} \phantom{00} \\ 11 \phantom{00} \\ \underline{108} \phantom{00} \\ 30 \phantom{00} \\ \underline{270} \phantom{00} \\ 30 \phantom{000} \\ \underline{270} \phantom{000} \\ 30 \phantom{0000} \end{array}$	$\begin{array}{r} 30 \\ 43 \overline{)3,440} \\ \underline{43} \phantom{00} \\ 00 \phantom{00} \\ \underline{00} \phantom{000} \\ 00 \phantom{000} \\ \underline{00} \phantom{0000} \\ 00 \phantom{0000} \end{array}$