

Name _____

Date _____

Dividing Multi-Digit Numbers Using the Algorithm

Divide using the division algorithm: $392,196 \div 87$.

1. $459,054 \div 54$

2. $820,386 \div 102$

3. $1,183,578 \div 227$

Divide using the division algorithm: $392,196 \div 87$.

$$\begin{array}{r} 4508 \\ 87 \overline{) 392196} \\ \underline{-348} \\ 441 \\ \underline{-435} \\ 696 \\ \underline{-696} \\ 0 \end{array}$$

1. $459,054 \div 54$

$$\begin{array}{r} 8501 \\ 54 \overline{) 459054} \\ \underline{-432} \\ 270 \\ \underline{-270} \\ 054 \\ \underline{-54} \\ 0 \end{array}$$

2. $820,386 \div 102$

$$\begin{array}{r} 8043 \\ 102 \overline{) 820386} \\ \underline{-816} \\ 438 \\ \underline{-408} \\ 306 \\ \underline{-306} \\ 0 \end{array}$$

3. $1,183,578 \div 227$

$$\begin{array}{r} 5214 \\ 227 \overline{) 1183578} \\ \underline{-1135} \\ 485 \\ \underline{-454} \\ 317 \\ \underline{-227} \\ 908 \\ \underline{-908} \\ 0 \end{array}$$