

**Learning Goal:**

By the end of this lesson I should be able to DIVIDE large positive numbers, WITHOUT the use of a calculator (technology).

**Example Strategies:**Group Subtraction

$$\begin{array}{r}
 23 \\
 44 \overline{)1012} \\
 - 880 \quad 20 \\
 \hline
 132 \\
 - 132 \quad 3 \\
 \hline
 0
 \end{array}$$

Long Division

$$\begin{array}{r}
 23 \\
 44 \overline{)1012} \\
 - 88 \downarrow \\
 \hline
 132 \\
 - 132 \\
 \hline
 0
 \end{array}$$

**Skills Practice:**

1. Use Long Division or Group Subtraction to divide the following.

(a)  $20 \overline{)420}$

(b)  $12 \overline{)216}$

(c)  $32 \overline{)256}$

(d)  $50 \overline{)8850}$

(e)  $24 \overline{)36000}$

(f)  $21 \overline{)231}$