

Learning Goal:

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

Example Strategies:Group Subtraction

$$\begin{array}{r}
 16 \\
 8 \overline{)128} \\
 \underline{-80} \quad 10 \\
 48 \\
 \underline{-40} \quad 5 \\
 8 \\
 \underline{-8} \quad 1 \\
 0
 \end{array}$$

Long Division

$$\begin{array}{r}
 16 \\
 8 \overline{)128} \\
 \underline{-8} \downarrow \\
 48 \\
 \underline{-48} \\
 0
 \end{array}$$

Skills Practice:

1. Use Long Division to divide the following.

(a) $2 \overline{)28}$

(b) $12 \overline{)144}$

(c) $3 \overline{)42}$

(d) $7 \overline{)84}$

(e) $15 \overline{)330}$

(f) $16 \overline{)480}$