

Learning Goal:

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

Example Strategies:

Division is a shortcut for repetitive subtraction.

A *Group Subtraction Model* is shown for $308 \div 14$

The circled values are the number of groups of 14 that are being subtracted each time.

$$\begin{array}{r} 22 \\ 14 \overline{)308} \\ \underline{-140} \\ 168 \\ \underline{-140} \\ 28 \\ \underline{-28} \\ 0 \end{array}$$

(10, 10, 2)

Skills Practice:

1. How many groups of 4 can you subtract from 12?
2. How many groups of 10 can you subtract from 80?
3. Using the Group Subtraction method, divide the following.

(a) $16 \div 4$

(b) $75 \div 5$

(c) $58 \div 2$

(d) $28 \div 7$

(e) $120 \div 15$

(f) $288 \div 12$