

Math Foundations: Long Division

Take Away Practice Worksheet

Instructions: Complete the following long division problems using the DMSB (divide, multiply, subtract, and divide) method. Some problems may include a remainder. Simply indicate that next to your answer. You can find the answer key [here](#).

$$\begin{array}{r}
 62 \\
 8 \overline{) 496} \\
 \underline{-48} \\
 16 \\
 \underline{-16} \\
 0
 \end{array}$$

62

$$\begin{array}{r}
 168 \\
 5 \overline{) 840} \\
 \underline{-5} \\
 34 \\
 \underline{-30} \\
 40 \\
 \underline{-40} \\
 0
 \end{array}$$

168

$$\begin{array}{r}
 3277 \\
 3 \overline{) 9831} \\
 \underline{-9} \\
 08 \\
 \underline{-6} \\
 23 \\
 \underline{-21} \\
 21
 \end{array}$$

3277

$$\begin{array}{r}
 0108 \text{ R } 11 \\
 14 \overline{) 1523} \\
 \underline{-14} \\
 12 \\
 \underline{-0} \\
 123 \\
 \underline{-112} \\
 11
 \end{array}$$

 108 R 11
 OR
 $108 + 11/14$