

# Partial Quotients Division

Find an easy multiple of the divisor and subtract from the dividend.  
Repeat until the number is less than the divisor or you reach zero.

$$\begin{array}{r}
 \text{divisor} \rightarrow 3 \quad \boxed{1,892r2} \\
 \text{dividend} \rightarrow \begin{array}{r} 5,678 \\ - 3,000 \\ \hline 2,678 \end{array}
 \end{array}$$

multipliers

$$3 \times \boxed{1,000}$$

## Another way

*This solution uses smaller and more multiples to find the quotient.*

$$\begin{array}{r}
 \boxed{1,892r2} \\
 3 \overline{) 5,678}
 \end{array}$$



# Preview

Please log in to download the printable version of this worksheet.

remainder →

 $\boxed{2}$ 

$$1,000 + 800 + 90 + 2 = 1,892$$

Add up the multipliers of the divisor to find the quotient.

$$\begin{array}{r}
 128 \\
 - 120 \\
 \hline
 8 \\
 - 6 \\
 \hline
 2
 \end{array}$$

$3 \times 40$

$3 \times 2$

**1,892**

*Add the multiples to find the quotient.*