



Focus Algorithm: Partial Quotients

$$\begin{array}{r} 12 \overline{) 158} \\ \underline{- 120} \\ 38 \\ \underline{- 36} \\ 2 \end{array} \quad \left| \begin{array}{l} 10 \\ 3 \\ \hline 13 \end{array} \right.$$

How many [12s] are in 158? At least 10

Use 10 as the first partial quotient. $10 * 12 = 120$

Subtract. At least 3 [12s] are left.

Use 3 as the second partial quotient. $3 * 12 = 36$

Subtract. Add the partial quotients. $10 + 3 = 13$

Answer: 13 R2