

# Division Strategies



## Partial Quotients

## Standard Algorithm

$$\begin{array}{r} 1 \\ 10 \end{array} \left. \vphantom{\begin{array}{r} 1 \\ 10 \end{array}} \right\} 11 \text{ R } 4$$
  
$$\begin{array}{r} 23 \overline{) 257} \\ \underline{-230} \\ 27 \\ \underline{-23} \\ 4 \end{array}$$

*10 x 23*

*1 x 23*

$$\begin{array}{r} 11 \text{ R } 4 \\ 23 \overline{) 257} \\ \underline{-23} \\ 27 \\ \underline{-23} \\ 4 \end{array}$$

**You can make a think tank for partial products....**

**And use what you need to solve the problem:**

$$1 \times 23 = 23, 2 \times 23 = 46, 10 \times 23 = 230, 20 \times 23 = 460$$