

## 3 Addition Strategies

Adding by place (expanded notation)

100

$$\begin{array}{r} 1,523 = 1,000 + 500 + 20 + 3 \\ + 2,392 = 2,000 + 300 + 90 + 2 \\ \hline 3,000 + 900 + 10 + 5 \end{array}$$

Algorithm

$$\begin{array}{r} \phantom{+} 1 \\ 1,523 \\ + 2,392 \\ \hline 3,915 \end{array}$$

Decomposing one number

$$\begin{array}{l} 1,523 + 2,392 = \\ 1,523 + 2,000 = 3,523 \\ 3,523 + 300 = 3,823 \\ 3,823 + 90 = 3,913 \\ 3,913 + 2 = 3,915 \end{array}$$