

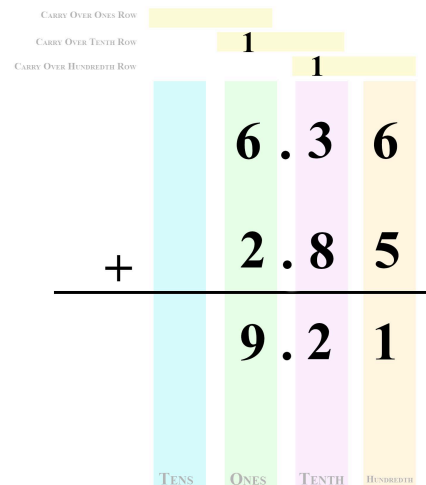
Learning Goal:

By the end of this lesson I should be able to add positive numbers that have one or two decimal places WITHOUT the use of a calculator or other technology.

Example Strategies: Find the **sum** (add together) of the following: $6.36 + 2.85$

Break Down (make friendly number groups) Column Strategy

$$\begin{aligned}
 & 6.36 \qquad \qquad \qquad + \qquad 2.85 \\
 = & 6 + 0.30 + 0.06 \qquad + \qquad 2 + 0.80 + 0.05 \\
 = & 6 + 2 \qquad \qquad + 0.30 + 0.80 \qquad \qquad + 0.06 + 0.05 \\
 & \text{(group ones, tenths and hundredths)} \\
 = & 8 \qquad \qquad + 1.10 \qquad \qquad + 0.11 \\
 = & 8 \qquad \qquad + 1 + 0.10 \qquad \qquad + 0.10 + 0.01 \\
 & \text{(break up numbers that include the next place value)} \\
 = & 8 + 1 \qquad \qquad + 0.10 + 0.10 \qquad \qquad + 0.01 \\
 = & 9.21
 \end{aligned}$$



Skills Practice: Use the strategy you like best and find the **sum** (add together) of the following:

(a) $5.1 + 8.5$

(b) $3.2 + 9.6$

(c) $7.9 + 3.4$

(d) $6.3 + 3.6 + 2.4$

(e) $3.35 + 6.45$

(f) $7.23 + 5.91$

(g) $5.3 + 1.2 + 2.12$

(h) $2.94 + 1.46 + 1.59$