

# Two Ways to Write and Solve a Problem

Solve each problem using two different paper-and-pencil methods. Remember to estimate first. Draw a circle around your answers.

Example:	Expanded Form	All-Partials
$\begin{array}{r} 23 \\ + 46 \\ \hline \end{array}$	$\begin{array}{l} 23 = 20 + 3 \\ + 46 = 40 + 6 \\ \hline 60 + 9 = 69 \end{array}$	$\begin{array}{r} 23 \\ + 46 \\ \hline 60 \\ + 9 \\ \hline 69 \end{array}$
<div style="border: 1px solid black; padding: 5px; display: inline-block;">Estimate: <math>25 + 50 = 75</math></div>		

**Expanded Form**

**All-Partials**

1. 
$$\begin{array}{r} 31 \\ + 55 \\ \hline \end{array}$$

Estimate:

**Expanded Form**

**All-Partials**

2.  $37 + 43 =$

Estimate:

**Expanded Form****All-Partials**

3. 
$$\begin{array}{r} 52 \\ + 24 \\ \hline \end{array}$$

Estimate:

4. Choose one problem from Questions 1–3. Solve it using a mental math strategy. Show or tell how you solved it. Use tools like a *200 Chart*, number line, or coins.