

# 3-Digit Addition Split

**Materials:** Addition Split Board (3-digit + 3-digit)

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1. Choose a line of four problems from the Addition Split board (vertically, horizontally, or diagonally).
2. Solve each problem by decomposing the addends into hundreds, tens and ones before adding. Show your work.

**Example 1:**

$$146 + 235$$

$$\begin{array}{r} 100 + 40 + 6 \\ + 200 + 30 + 5 \\ \hline 300 + 70 + 11 = 381 \end{array}$$

**Example 2:**

$$186 + 235$$

$$\begin{array}{r} 100 + 80 + 6 \\ + 200 + 30 + 5 \\ \hline 300 + 110 + 11 = 421 \end{array}$$

3. Repeat with another line of four problems.

## 3-Digit Addition Split

$112 + 171$	$132 + 263$	$151 + 212$	$134 + 254$
$243 + 233$	$252 + 134$	$244 + 132$	$255 + 133$
$331 + 517$	$332 + 516$	$333 + 516$	$334 + 515$
$431 + 316$	$432 + 317$	$433 + 315$	$435 + 314$

## 3-Digit Addition Split

$122 + 179$	$136 + 267$	$155 + 245$	$164 + 229$
$245 + 328$	$257 + 234$	$264 + 128$	$218 + 274$
$339 + 447$	$352 + 338$	$489 + 311$	$337 + 457$
$474 + 327$	$363 + 428$	$442 + 429$	$417 + 335$

## 3-Digit Addition Split

$142 + 179$	$136 + 287$	$155 + 265$	$164 + 259$
$245 + 298$	$257 + 364$	$264 + 278$	$258 + 374$
$339 + 487$	$352 + 378$	$399 + 311$	$337 + 489$
$474 + 347$	$463 + 368$	$482 + 349$	$496 + 335$