

# Models for Adding 3-Digit Numbers

Find  $152 + 329$ .

**Step 1:** Show each number with place-value blocks.

152

+ 329

1 hundred + 3 hundreds = 4 hundreds = 400

5 tens + 2 tens = 7 tens = 70

2 ones + 9 ones = 11 ones = 11

**Step 2:** Combine the ones.  $2 + 9 = 11$

**Step 3:** Combine the tens.  $50 + 20 = 70$

**Step 4:** Combine the hundreds.  $100 + 300 = 400$

**Step 5:** Add.  $400 + 70 + 11 = 481$

Write each problem and find the sum.

1.  $133 + 87 = 220$

2.  $256 + 122 = 378$

3.  $146 + 134 = 280$

4.  $263 + 248 = 511$