

# Models for Adding 3-Digit Numbers

Find  $152 + 329$ .

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

152

+ 329

$2 \text{ ones} + 9 \text{ ones} = 11 \text{ ones} = 11$   
 $5 \text{ tens} + 2 \text{ tens} = 7 \text{ tens} = 70$   
 $1 \text{ hundred} + 3 \text{ hundreds} = 4 \text{ hundreds} = 400$

**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. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_