

Name \_\_\_\_\_



# Additional Practice 4-3

## Add with Partial Sums

**HOME ACTIVITY Ask**  
your child to show you how to add  $24 + 33$  using drawings of place-value blocks and partial sums.

**Another Look!** Find  $32 + 45$ . Use partial sums and drawings of place-value blocks.

Show each addend as tens and ones.

Write the problem this way.  $32 + 45 = ?$

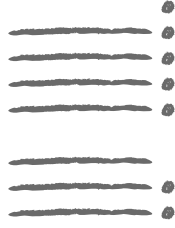
**Step 1:** Add the tens.  $30 + 40 = 70$

**Step 2:** Add the ones.  $2 + 5 = 7$

**Step 3:** Add the partial sums.  $70 + 7 = 77$

So,  $32 + 45 = 77$ .

**Draw**



Add. Use partial sums. Draw blocks if you need to.

1.  $23 + 16 =$  \_\_\_\_\_

Add the tens.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

Add the ones.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

Add the partial sums.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

2.  $35 + 29 =$  \_\_\_\_\_

Add the tens.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

Add the ones.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

Add the partial sums.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_



Solve each problem. Show your work.

- 3. Represent** 28 leaves fell from a tree. Then 32 more leaves fell. How many leaves fell in all? Show partial sums.

\_\_\_\_\_ leaves

- 4.** Liam put 6 cars on his empty toy racetrack. Then Diego put 8 cars on the track. Then Kim put 4 cars on the track. How many cars are on the track now?

\_\_\_\_\_ cars

- 5. Higher Order Thinking** Write each missing number. What pattern do you see?

$$34 + \square = 44$$

$$44 + \square = 54$$

$$54 + \square = 64$$

- 6.  Assessment Practice** Which is the sum of  $16 + 37$ ? Use partial sums to solve. 2.NSO.2.3

(A) 16

(B) 21

(C) 43

(D) 53