

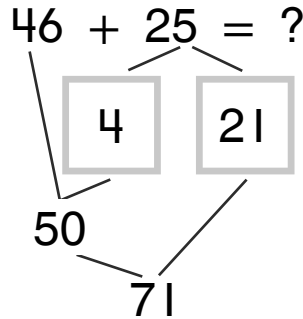
### Another Look!

Find  $46 + 25$ .

You can add mentally! Break apart the second addend in different ways.

Break apart the second addend to make a 10.

Think: What number plus 46 equals 50?



Make a 10.

$$46 + 4 = \underline{50}$$

Add mentally.

$$50 + 21 = \underline{71}$$

$$\text{So, } 46 + 25 = \underline{71}.$$

## Additional Practice 3-4

### Break Apart Numbers and Add Using Mental Math

**HOME ACTIVITY** Ask your child to show how he or she would break apart numbers to find  $29 + 46$  mentally.

Find each sum using mental math. Draw pictures of blocks if needed.

1.  $33 + 16 =$  \_\_\_\_\_

2.  $35 + 48 =$  \_\_\_\_\_

3.  $67 + 28 =$  \_\_\_\_\_

4.  $57 + 19 =$  \_\_\_\_\_



**Generalize** Solve each problem mentally. Show your work. Think about the steps you do every time you break apart numbers to add.

5.  $32 + 12 =$  \_\_\_\_\_

6.  $54 + 7 =$  \_\_\_\_\_

7.  $37 + 43 =$  \_\_\_\_\_

**8. Higher Order Thinking** Carla buys two packages of pens. She buys 49 pens in all. Which color pens does Carla buy? Show how you found the answer.

Pen Packages	
Pen Color	Number of Pens
Blue	25
Black	12
Red	24
Green	33

**9.  Assessment Practice** Break apart the second addend to find  $19 + 43$ . Explain how you solved the problem. 2.NSO.2.3

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