

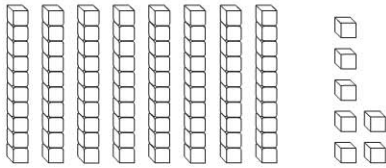
Name \_\_\_\_\_

## Algebra • Ways to Expand Numbers

**Essential Question** How can you write a two-digit number in different ways?

### Model and Draw

There are different ways to think about a number.



$$\begin{array}{r} 8 \text{ tens } 7 \text{ ones} \\ 80 + 7 \\ \hline 87 \end{array}$$

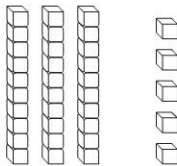
8 tens and 7 ones is the same as 80 plus 7.

### Share and Show



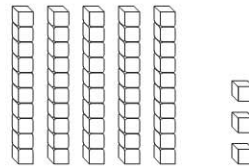
Write how many tens and ones.  
Write the number in two different ways.

1.



$$\begin{array}{r} \text{---} \text{ tens } \text{---} \text{ ones} \\ \text{---} + \text{---} \\ \hline \text{---} \end{array}$$

2.



$$\begin{array}{r} \text{---} \text{ tens } \text{---} \text{ ones} \\ \text{---} + \text{---} \\ \hline \text{---} \end{array}$$

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**Math Talk** Does the 7 in this number show 7 or 70? Explain.

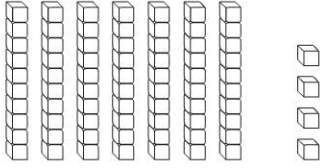


## On Your Own

Write how many tens and ones.

Write the number in two different ways.

3.

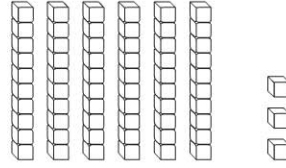


\_\_\_ tens \_\_\_ ones

\_\_\_ + \_\_\_

\_\_\_

4.



\_\_\_ tens \_\_\_ ones

\_\_\_ + \_\_\_

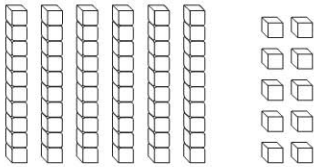
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## PROBLEM SOLVING

5. Draw the same number using only tens.

Write how many tens and ones.

Write the number in two different ways.



\_\_\_ tens \_\_\_ ones

\_\_\_ + \_\_\_

\_\_\_

\_\_\_ tens \_\_\_ ones

\_\_\_ + \_\_\_

\_\_\_



**TAKE HOME ACTIVITY** • Write a two-digit number to 99.  
Ask your child to write how many tens and ones and then write the number a different way.