

Homework & Practice 10-7

Add Using Place Value

Another Look! Sometimes you need to make a 10 when you add.

8 ones + 7 ones = 15 ones.
You can make a 10 with the 15 ones.

When there are more than 9 ones, you need to make a 10.

You add and have 5 tens and 5 ones.

	Tens	Ones
	2	8
+	2	7
<hr/>		

Tens	Ones
	●●●●●●●●
	●●●●●●●●



Tens	Ones
2	8
2	7
<hr/>	
5	5

Tens	Ones
	●●●



Draw blocks to add. Do you need to make a 10?
Circle **Yes** or **No**.

HOME ACTIVITY In this activity, use dimes for 10s and pennies for 1s. Ask your child to use dimes and pennies (or two different objects) to find $18 + 27$. When your child sees that he or she has 15 pennies, encourage him or her to make a 10 by trading 10 of the pennies for a dime. Repeat with other two-digit + two-digit addition problems.

1.

	Tens	Ones
	4	2
+	1	7
<hr/>		

Make a 10?

Tens	Ones

Yes No

2.

	Tens	Ones
	3	3
+	2	8
<hr/>		

Make a 10?

Tens	Ones

Yes No

Solve each problem. Draw blocks to help you.

3. **Reasoning** Seth collects model sailboats. He has 34 large boats. He has 26 small boats. How many model sailboats does Seth have in all? Write an equation to show the problem.

_____ + _____ = _____ sailboats

4. **Reasoning** Maria claps 15 times. Then she claps 22 more times. How many times does she clap in all? Write an equation to show the problem.

_____ + _____ = _____ claps

5. **Higher Order Thinking** Write two addends that you will **NOT** need to make a 10 to add. Then solve.

	Tens	Ones
+		
—		

6. **Assessment** For which addition equations can you make a 10 to add? Choose all that apply.

$24 + 14 = \underline{\quad ? \quad}$

$17 + 25 = \underline{\quad ? \quad}$

$16 + 13 = \underline{\quad ? \quad}$

$26 + 14 = \underline{\quad ? \quad}$