

Name _____

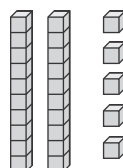


Adding Two-Digit Numbers

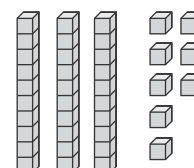
Materials place-value blocks: 6 tens and 13 ones per pair

There are 25 boys and 38 girls at the library. How many students total?

1. Show 25 using place-value blocks.



2. Show 38 using place-value blocks.



3. Add $25 + 38$ to find the total students.

Add the ones. $5 + 8 =$ _____

4. Do you have more than 10 ones? _____

5. Since you have 13 ones, regroup them into tens and ones

13 ones = _____ ten and _____ ones

6. Record the 3 ones at the bottom of the ones column of the Tens and Ones chart. Record the 1 ten at the top of the tens column.

	Tens	Ones
	2	5
+	3	8

7. Add the tens. Add the 1 ten that you regrouped, the 2 tens from the 25, and the 3 tens from the 38.

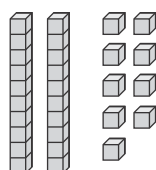
1 ten + 2 tens + 3 tens = _____ tens

8. Record the tens at the bottom of the tens column of the Tens and Ones chart.

9. So, $25 + 38 =$ _____

How many students are at the library? _____.

10. Use place value-blocks and the Tens and Ones chart to add $46 + 29$.



	Tens	Ones
	4	6
+	2	9

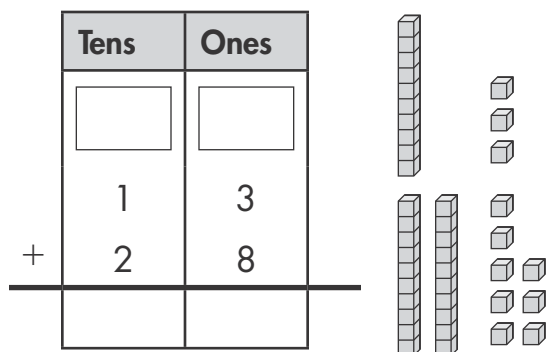
Name _____



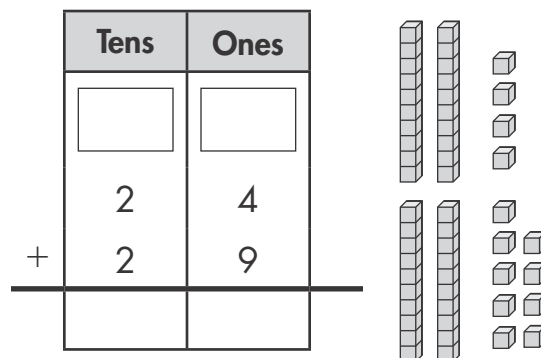
Adding Two-Digit Numbers (continued)

Add.

11.



12.



Add. Use a tens and ones chart if you like.

13.

$$\begin{array}{r} 58 \\ + 17 \\ \hline 75 \end{array}$$

14.

$$\begin{array}{r} 56 \\ + 11 \\ \hline \end{array}$$

15.

$$\begin{array}{r} 18 \\ + 19 \\ \hline \end{array}$$

16.

$$\begin{array}{r} 20 \\ + 28 \\ \hline \end{array}$$

17.

$$\begin{array}{r} 46 \\ + 45 \\ \hline \end{array}$$

18.

$$\begin{array}{r} 36 \\ + 17 \\ \hline \end{array}$$

19.

$$\begin{array}{r} 17 \\ + 49 \\ \hline \end{array}$$

20.

$$\begin{array}{r} 45 \\ + 14 \\ \hline \end{array}$$

21.

$$\begin{array}{r} 32 \\ + 66 \\ \hline \end{array}$$

22.

$$\begin{array}{r} 26 \\ + 37 \\ \hline \end{array}$$

23.

$$\begin{array}{r} 22 \\ + 65 \\ \hline \end{array}$$

24.

$$\begin{array}{r} 33 \\ + 33 \\ \hline \end{array}$$

25.

$$\begin{array}{r} 21 \\ + 39 \\ \hline \end{array}$$

26.

$$\begin{array}{r} 17 \\ + 29 \\ \hline \end{array}$$

27.

$$\begin{array}{r} 36 \\ + 16 \\ \hline \end{array}$$

28.

$$\begin{array}{r} 64 \\ + 27 \\ \hline \end{array}$$

29. A puppy weighs 15 pounds. His mother weighs 65 pounds. How much do the puppy and his mother weigh together?

30. **Reasoning** What number do you add to 19 to get 30?
