You can break apart numbers to make them easier to add mentally.

Add 31 + 45 by breaking apart numbers.

Break the numbers into tens and ones.

<table>
<thead>
<tr>
<th>tens</th>
<th>ones</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>1</td>
</tr>
<tr>
<td>45</td>
<td>5</td>
</tr>
</tbody>
</table>

Add the tens: 30 + 40 = 70.

Add the ones: 1 + 5 = 6.

Add the sums: 70 + 6 = 76.

So, 31 + 45 = 76.

Add 26 + 17 by breaking apart numbers to make a ten.

Use a number that adds with the 6 in 26 to make a 10.

Since 6 + 4 = 10, use 4.

Think: 17 = 4 + 13.

Add 26 + 4 = 30.

Add 30 + 13 = 43.

So, 26 + 17 = 43.

Find each sum using mental math.

1. 24 + 71 = ______
2. 36 + 43 = ______
3. 54 + 23 = ______
4. 25 + 49 = ______
5. 37 + 56 = ______
6. 77 + 13 = ______

7. Communicate To add 32 + 56, Juanita first added 30 + 50. What two steps does she still need to do to find the sum? What is Juanita’s sum?

8. Reason How can Steve add 48 + 34 by making a ten? What is the sum?