


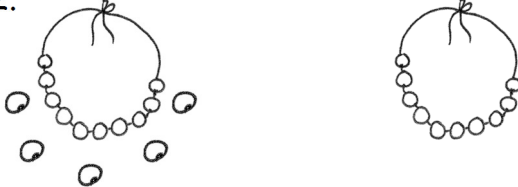
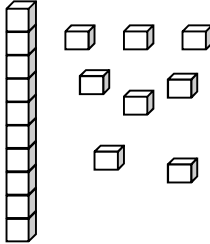
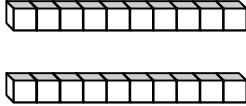
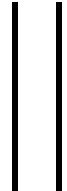
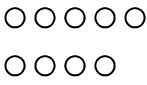
## Lesson 12

Objective: Add tens to a two-digit number.

Name \_\_\_\_\_

Date \_\_\_\_\_

Fill in the missing numbers to match the picture. Write the matching number bond.

<p>1. </p> <div style="text-align: center;"> <math display="block">\begin{array}{c} 32 \\ \swarrow \quad \searrow \\ 12 \quad 20 \end{array}</math> </div>	<p>2. </p>
<p>3. <math>12 + 20 = \underline{\quad}</math></p>   <div style="text-align: center;"> <math display="block">\begin{array}{c} \phantom{0} \\ \swarrow \quad \searrow \end{array}</math> </div> <p>_____ + _____ = _____</p>	<p>4. <math>15 + \underline{\quad} = \underline{\quad}</math></p>   <div style="text-align: center;"> <math display="block">\begin{array}{c} \phantom{0} \\ \swarrow \quad \searrow \end{array}</math> </div> <p>_____ + _____ = _____</p>





Draw using quick tens and ones. Complete the number bond, and write the sum in the place value chart and the number sentence.

<p>5. <math>19 + 10 = \underline{\quad}</math></p> <div style="text-align: center;"> <math display="block">\begin{array}{c} \phantom{0} \\ \swarrow \quad \searrow \end{array}</math> </div> <table border="1" style="margin-left: auto; margin-right: auto; text-align: center;"> <thead> <tr> <th style="padding: 5px;">tens</th> <th style="padding: 5px;">ones</th> </tr> </thead> <tbody> <tr> <td style="width: 40px; height: 40px;"></td> <td style="width: 40px; height: 40px;"></td> </tr> </tbody> </table>	tens	ones			<p>6. <math>20 + 14 = \underline{\quad}</math></p> <div style="text-align: center;"> <math display="block">\begin{array}{c} \phantom{0} \\ \swarrow \quad \searrow \end{array}</math> </div> <table border="1" style="margin-left: auto; margin-right: auto; text-align: center;"> <thead> <tr> <th style="padding: 5px;">tens</th> <th style="padding: 5px;">ones</th> </tr> </thead> <tbody> <tr> <td style="width: 40px; height: 40px;"></td> <td style="width: 40px; height: 40px;"></td> </tr> </tbody> </table>	tens	ones		
tens	ones								
tens	ones								

Use arrow notation to solve.

<p>7. <math>13 \xrightarrow{+10} \underline{\hspace{2cm}}</math></p>	<p>8. <math>19 \xrightarrow{+} 39</math></p>
<p>9. <math>\underline{\hspace{2cm}} \xrightarrow{+10} 26</math></p>	<p>10. <math>\underline{\hspace{2cm}} \xrightarrow{+20} 38</math></p>

Use the dimes and pennies to complete the place value charts and the number sentences.

<p>11.</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;"> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <span style="font-size: 2em; margin: 0 10px;">+</span> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <span style="font-size: 2em; margin: 0 10px;">=</span> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> </div>	tens	ones			tens	ones			tens	ones			<div style="text-align: center; margin-top: 20px;">  </div> <div style="text-align: center; margin-top: 20px;"> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <span style="font-size: 2em; margin: 0 10px;">+</span> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <span style="font-size: 2em; margin: 0 10px;">=</span> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> </div>	tens	ones			tens	ones			tens	ones		
tens	ones																								
tens	ones																								
tens	ones																								
tens	ones																								
tens	ones																								
tens	ones																								
<p>12.</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;"> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <span style="font-size: 2em; margin: 0 10px;">+</span> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <span style="font-size: 2em; margin: 0 10px;">=</span> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> </div>	tens	ones			tens	ones			tens	ones			<div style="text-align: center; margin-top: 20px;">  </div> <div style="text-align: center; margin-top: 20px;"> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <span style="font-size: 2em; margin: 0 10px;">+</span> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <span style="font-size: 2em; margin: 0 10px;">=</span> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th style="padding: 5px;">tens</th><th style="padding: 5px;">ones</th></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> </div>	tens	ones			tens	ones			tens	ones		
tens	ones																								
tens	ones																								
tens	ones																								
tens	ones																								
tens	ones																								
tens	ones																								

Name \_\_\_\_\_

Date \_\_\_\_\_

Complete the number sentences. Use quick tens, the arrow way, or coins to show your thinking.

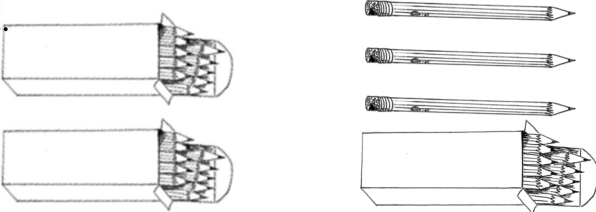

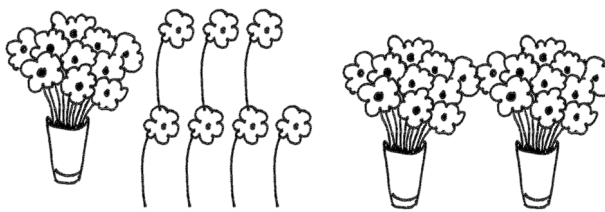

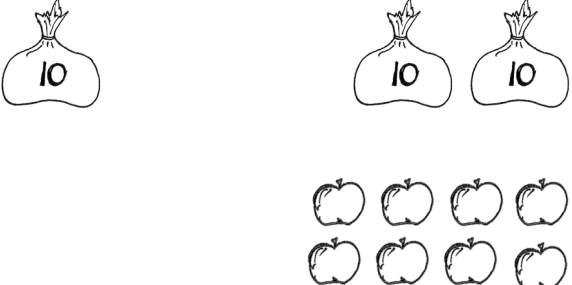



$$28 + 10 = \underline{\quad}$$

$$14 + 20 = \underline{\quad}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

Fill in the missing numbers to match the picture. Complete the number bond to match.

<p>1.</p>  <p>Two pencil cases are shown on the left. On the right, three pencils are shown above one pencil case.</p> <p style="text-align: center;">  </p> <p style="text-align: center;"><math>20 + 13 = \underline{\quad}</math></p>	<p>2.</p>  <p>On the left, a vase contains 17 flowers. To its right are 4 individual flowers. On the right, two vases each contain 17 flowers.</p> <p style="text-align: center;">  </p> <p style="text-align: center;"><math>17 + \underline{\quad} = \underline{\quad}</math></p>
<p>3.</p>  <p>On the left, a bag labeled '10' contains 10 apples. On the right, two bags labeled '10' each contain 10 apples. Below them are 8 loose apples arranged in two rows of four.</p> <p style="text-align: center;">  </p> <p style="text-align: center;"><math>\underline{\quad} + \underline{\quad} = \underline{\quad}</math></p>	<p>4.</p>  <p>On the left, three vertical lines are shown. On the right, one vertical line is shown next to two columns of circles. The first column has 5 circles and the second has 4 circles.</p> <p style="text-align: center;">  </p> <p style="text-align: center;"><math>\underline{\quad} + \underline{\quad} = \underline{\quad}</math></p>

Draw using quick tens and ones. Complete the number bond and the number sentence.



<p>5.</p> <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><th>tens</th><th>ones</th></tr> <tr><td>1</td><td>7</td></tr> </table> <span style="font-size: 2em; vertical-align: middle;">+</span> <table border="1" style="display: inline-table; margin-left: 10px;"> <tr><th>tens</th><th>ones</th></tr> <tr><td>1</td><td>0</td></tr> </table>  <div style="text-align: center;"> <math>\wedge</math>              _____ + _____ = _____         </div>	tens	ones	1	7	tens	ones	1	0	<p>6.</p> <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><th>tens</th><th>ones</th></tr> <tr><td>1</td><td>9</td></tr> </table> <span style="font-size: 2em; vertical-align: middle;">+</span> <table border="1" style="display: inline-table; margin-left: 10px;"> <tr><th>tens</th><th>ones</th></tr> <tr><td> </td><td> </td></tr> </table>  <div style="text-align: center;"> <math>\wedge</math>              _____ + _____ = <u>39</u> </div>	tens	ones	1	9	tens	ones		
tens	ones																
1	7																
tens	ones																
1	0																
tens	ones																
1	9																
tens	ones																

Use arrow notation to solve.

<p>7.</p> <div style="display: flex; align-items: center; justify-content: center;"> <span style="font-size: 2em; margin-right: 10px;">19</span> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">+10</div> <span style="font-size: 2em; margin-right: 10px;">→</span> <span style="border-bottom: 1px solid black; width: 50px; display: inline-block;"></span> </div>	<p>8.</p> <div style="display: flex; align-items: center; justify-content: center;"> <span style="font-size: 2em; margin-right: 10px;">9</span> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">+30</div> <span style="font-size: 2em; margin-right: 10px;">→</span> <span style="border-bottom: 1px solid black; width: 50px; display: inline-block;"></span> </div>
<p>9.</p> <div style="display: flex; align-items: center; justify-content: center;"> <span style="border-bottom: 1px solid black; width: 50px; display: inline-block; margin-right: 10px;"></span> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">+10</div> <span style="font-size: 2em; margin-right: 10px;">→</span> <span style="font-size: 2em; margin-left: 10px;">38</span> </div>	<p>10.</p> <div style="display: flex; align-items: center; justify-content: center;"> <span style="border-bottom: 1px solid black; width: 50px; display: inline-block; margin-right: 10px;"></span> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">+20</div> <span style="font-size: 2em; margin-right: 10px;">→</span> <span style="font-size: 2em; margin-left: 10px;">31</span> </div>

Use the dimes and pennies to complete the place value charts.

11.

	<b>tens</b>	<b>ones</b>	<b>+</b>	<b>tens</b>	<b>ones</b>	<b>=</b>	<b>tens</b>	<b>ones</b>