


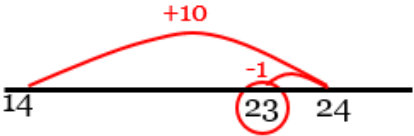
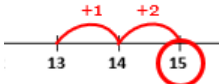


## Mental Computation Strategies

Using strategies helps us work quickly with numbers in our head. Some common strategies are explained below.

<p><u>Doubles</u></p> <div style="text-align: center;">  <p>Double 4 is 8</p> </div>	<p><u>Near Doubles</u></p> <p>eg. 4 + 5</p> <div style="text-align: center;">  <p>4 + 4 = 8 4 + 5 = 9</p> </div>
<p><u>Rainbow Facts</u></p> <div style="text-align: center;">  <p>Numbers that add to 10!</p> </div>	<p><u>Near Rainbow Facts</u></p> <p>7 + 3 = 10    so...    7 + 4 = 11 6 + 4 = 10    so...    6 + 5 = 11</p>
<p><u>Bridge to Ten</u></p> <p>eg.</p> <div style="text-align: center;">  <p>14 + 9 think 14 + 10 = 24 (-1 = 23)</p> </div>	<p><u>Count On / Count Back</u></p> <p>When adding 1, 2 or 3 to a number, start with the larger number and count on/back.</p> <div style="text-align: center;">  <p>“...13, 14, 15”</p> </div> <p>eg. 2 + 13</p>

Circle the sums according to the strategies you used:

doubles - green	near doubles - blue	rainbow facts – red
near rainbow facts - yellow	bridge to ten - orange	count on / count back - pink

**Addition:**

- |                  |                  |                   |
|------------------|------------------|-------------------|
| 1) 5 + 5 = ____  | 2) 2 + 6 = ____  | 3) 3 + 7 = ____   |
| 4) 2 + 12 = ____ | 5) 7 + 7 = ____  | 6) 4 + 7 = ____   |
| 7) 5 + 11 = ____ | 8) 8 + 9 = ____  | 9) 3 + 8 = ____   |
| 10) 4 + 5 = ____ | 11) 8 + 8 = ____ | 12) 1 + 12 = ____ |

**Subtraction:**

- |                   |                   |                   |
|-------------------|-------------------|-------------------|
| 13) 10 – 5 = ____ | 14) 15 – 2 = ____ | 15) 10 – 7 = ____ |
| 16) 11 – 8 = ____ | 17) 22 – 9 = ____ | 18) 8 – 5 = ____  |