


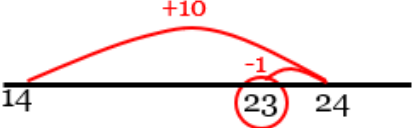
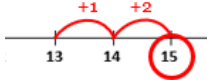


Mental Computation Strategies

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

<p><u>Doubles</u></p>  <p>Double 4 is 8</p>	<p><u>Near Doubles</u></p> <p>eg. $4 + 5$</p>  <p>$4 + 4 = 8$ $4 + 5 = 9$</p>
<p><u>Rainbow Facts</u></p>  <p>Numbers that add to 10!</p>	<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>  <p>$14 + 9$... think $14 + 10 = 24$ ($-1 = 23$)</p>	<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>  <p>eg. $2 + 13$ “...13, 14, 15”</p>

Draw lines to match the sums with the strategy you used to solve them.

$14 - 9 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$5 + 9 = \underline{\quad}$

$3 + 8 = \underline{\quad}$

Doubles

$4 + 7 = \underline{\quad}$

$7 + 11 = \underline{\quad}$

Near Doubles

$7 - 7 = \underline{\quad}$

$7 + 8 = \underline{\quad}$

Rainbow Facts

$18 - 9 = \underline{\quad}$

$3 + 3 = \underline{\quad}$

Near Rainbow Facts

$14 - 1 = \underline{\quad}$

$2 + 6 = \underline{\quad}$

Bridge to Ten

$5 + 11 = \underline{\quad}$

$9 - 2 = \underline{\quad}$

Count On / Count Back

$4 + 5 = \underline{\quad}$

$2 + 12 = \underline{\quad}$

$10 - 7 = \underline{\quad}$

$12 - 6 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

$8 + 9 = \underline{\quad}$

$1 + 12 = \underline{\quad}$

Were there any sums you could have used multiple strategies for? Which ones?