

Name: **KEY**

Section 2.1 – Central Tendency

Given the data below, find the:

2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

<p>Mean</p> $\frac{62}{14} = 4.4$	<p>Mode</p> <p>1, 2, 2, 2, 3, 4, 4, 5, 5, 5, 6, 7, 8, 8</p> <p>2 and 5</p>
<p>Median</p> $\frac{4+5}{2} = 4.5$	<p>If the mean of 4 terms is 11 and we remove one term we get a new mean of 14. What number was removed?</p> $\frac{x_1 + x_2 + \dots}{4} = 11$ $x_1 + x_2 + x_3 + x_4 = 44$ $\frac{x_1 + x_2 + x_3}{3} = 14$ $x_1 + x_2 + x_3 = 42$ $44 - 42 = 2$ <div style="border: 1px solid black; padding: 5px; display: inline-block;">Missing #: 2</div>