



SUMMARISING DATA

MEAN, MEDIAN, MODE AND RANGE

NO CALCULATOR

Ref: G621. **1S1**

A1 Find the range of: 8, 14, 6, 12, 11, 9	A2 Find the mode of: 9, 2, 6, 3, 4, 1, 6, 7	A3 Find the median of: 7, 12, 8, 19, 4, 13, 11	A4 Find the mean of: 12, 5, 7
B1 Find the mode of: 4, 10, 4, 11, 4, 12, 4, 13	B2 Find the mean of: 2, 5, 2, 5, 9, 4	B3 Find the range of: 6, 9, 12, 0, 4, 17, 2	B4 Find the median of: 11, 7, 5, 13, 2, 7, 5
C1 Find the median of: 9, 10, 14, 13, 7, 8	C2 Find the range of: 4, 9, 3, -4, 1, 2	C3 Find the mean of: 4, 10, 15, 8, 5	C4 Find the mode of: 3, 1, 6, 3, 8, 1, 2, 1, 7, 3
D1 Find the mean of: -3, 4, 7, 0, 2	D2 Find the median of: 19, 2, 14, 8, 12, 10, 4, 19	D3 Find the mode of: 2, 4, 6, 9, 3, 7, 5	D4 Find the range of: 1, 0, 1, 0, 1, 1, 0, 0, 1



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Ref: G621. **1S1**

<p>A1 Find the range of:</p> <p>8, 14, 6, 12, 11, 9</p> $14 - 6 = 8$	<p>A2 Find the mode of:</p> <p>9, 2, 6, 3, 4, 1, 6, 7</p> 6	<p>A3 Find the median of:</p> <p>7, 12, 8, 19, 4, 13, 11</p> <p>4, 7, 8, 11, 12, 13, 19</p> 11	<p>A4 Find the mean of:</p> <p>12, 5, 7</p> $\frac{12 + 5 + 7}{3} = \frac{24}{3} = 8$
<p>B1 Find the mode of:</p> <p>4, 10, 4, 11, 4, 12, 4, 13</p> 4	<p>B2 Find the mean of:</p> <p>2, 5, 2, 5, 9, 4</p> $\frac{2 + 5 + 2 + 5 + 9 + 4}{6} = \frac{27}{6} = 4.5$	<p>B3 Find the range of:</p> <p>6, 9, 12, 0, 4, 17, 2</p> $17 - 0 = 17$	<p>B4 Find the median of:</p> <p>11, 7, 5, 13, 2, 7, 5</p> <p>2, 5, 5, 7, 7, 11, 13</p> 7
<p>C1 Find the median of:</p> <p>9, 10, 14, 13, 7, 8</p> <p>7, 8, 9, 10, 13, 14</p> 9.5	<p>C2 Find the range of:</p> <p>4, 9, 3, -4, 1, 2</p> $9 - (-4) = 13$	<p>C3 Find the mean of:</p> <p>4, 10, 15, 8, 5</p> $\frac{4 + 10 + 15 + 8 + 5}{5} = \frac{42}{5} = 8.4$	<p>C4 Find the mode of:</p> <p>3, 1, 6, 3, 8, 1, 2, 1, 7, 3</p> $1 \text{ and } 3 \text{ (bimodal)}$
<p>D1 Find the mean of:</p> <p>-3, 4, 7, 0, 2</p> $\frac{(-3) + 4 + 7 + 0 + 2}{5} = \frac{10}{5} = 2$	<p>D2 Find the median of:</p> <p>19, 2, 14, 8, 12, 10, 4, 19</p> <p>2, 4, 8, 10, 12, 14, 19, 19</p> 11	<p>D3 Find the mode of:</p> <p>2, 4, 6, 9, 3, 7, 5</p> no mode	<p>D4 Find the range of:</p> <p>1, 0, 1, 0, 1, 1, 0, 0, 1</p> $1 - 0 = 1$