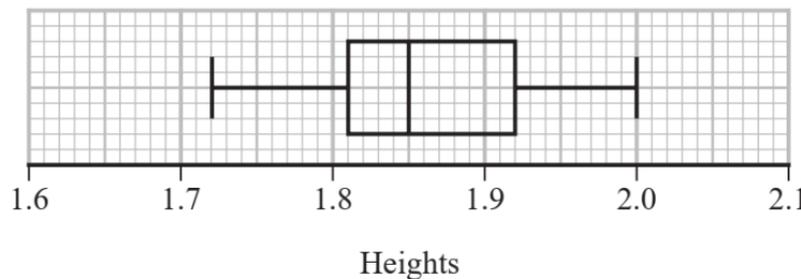


Question	Scheme	Marks	AO
1	 <p>A box plot on a grid showing the distribution of heights. The x-axis is labeled 'Heights' and ranges from 1.6 to 2.1 with major grid lines every 0.1 units and minor grid lines every 0.02 units. The box plot has a lower whisker ending at 1.72, a box from 1.81 to 1.92 with a median line at 1.85, and an upper whisker ending at 2.0.</p>	B1 B1ft B1 B1ft	2.2a 1.1b 2.2a 1.1b
(4 marks)			

Notes

1st B1 for a box with 2 whiskers (one at each end)
 with **median** at 1.85 and **lower quartile** at 1.81
 do not allow median = upper quartile [=1.85]

2nd B1ft for 1.92 plotted as the **upper quartile** (must be right hand end of box)
or for plotting an IQR = 0.11, i.e. their upper quartile at “1.81” + 0.11

3rd B1 for lower whisker ending at 1.72 must be attached to whisker

4th B1ft for upper whisker ending 2.0 must be attached to whisker
or for plotting a range of 0.28 i.e. their upper whisker ending at “1.72” + 0.28
 for ft condone maximum and/or minimum plotted as outliers by * or ×