

	Median and Semi-Interquartile Range - Answers		
1	Mark 1 find median Mark 2 find quartiles Mark 3 calculate semi-interquartile range	6 4 and 8.5 $\frac{8.5-4}{2} = 2.25$	3
2	Mark 1 find median Mark 2 find quartiles Mark 3 calculate semi-interquartile range	236 217 and 250 $\frac{250-217}{2} = 16.5$	3
3	Mark 1 find median Mark 2 find quartiles Mark 3 calculate semi-interquartile range	9 7.5 and 10 $\frac{10-7.5}{2} = 1.25$	3
4	Mark 1 find median Mark 2 find quartiles Mark 3 calculate semi-interquartile range Mark 4 compare medians (25 > 19.5) On average the scores in the second round were higher Mark 5 compare semi-interquartile range (23. < 3.5) The scores in the second round were more consistent (less varied)	19.5 16 and 23 $\frac{23-16}{2} = 3.5$	5
	14 marks		