

a Work out the interquartile range of 14, 3, 9, 22, 6, 17, 11, 25, 8, 19, 4, 13, 23. 13.5 quartiles of thirteen values	b Work out the interquartile range. <table><tr><td>Value</td><td>2</td><td>4</td><td>6</td><td>8</td><td>10</td></tr><tr><td>Frequency</td><td>4</td><td>6</td><td>4</td><td>3</td><td>2</td></tr></table> 4 the IQR from a frequency table	Value	2	4	6	8	10	Frequency	4	6	4	3	2	c Which class has the upper quartile? <table><tr><td>Class</td><td>Frequency</td></tr><tr><td>$0 < x \leq 10$</td><td>10</td></tr><tr><td>$10 < x \leq 20$</td><td>14</td></tr><tr><td>$20 < x \leq 30$</td><td>9</td></tr><tr><td>$30 < x \leq 40$</td><td>7</td></tr></table> $20 < X \leq 30$ the class with the upper quartile	Class	Frequency	$0 < x \leq 10$	10	$10 < x \leq 20$	14	$20 < x \leq 30$	9	$30 < x \leq 40$	7	d How many of 60 are above 20? 45 a count from a box plot
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