

N5 Managing Finance & Statistics	N5 Managing Finance & Statistics
<b>Q1</b> How do you find the <b>Interquartile Range (IQR)</b> ?	<b>A5</b> How many numbers there are
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<b>Q2</b> How do you find the <b>Semi-Interquartile Range (SIQR)</b> ?	<b>A6</b> The numbers are more varied
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<b>Q3</b> What does the symbol $\Sigma$ ( <i>sigma</i> ) mean?	<b>A7</b> The numbers are more varied
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<b>Q4</b> What does the symbol $\bar{x}$ ( <i>x bar</i> ) mean?	<b>A8</b> On average, the numbers are higher

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<p style="text-align: center;"><b>Q5</b></p> <p>In the standard deviation formula, what does <math>n</math> mean?</p>	<p style="text-align: center;"><b>A1</b></p> <p>Upper quartile take away Lower quartile</p>
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<p style="text-align: center;"><b>Q6</b></p> <p>If the <u>standard deviation</u> is <b>higher</b>, what comment can you make?</p>	<p style="text-align: center;"><b>A2</b></p> $\frac{\text{Upper Quartile} - \text{Lower Quartile}}{2}$
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<p style="text-align: center;"><b>Q7</b></p> <p>If the <u>semi-interquartile range</u> is <b>higher</b>, what comment can you make?</p>	<p style="text-align: center;"><b>A3</b></p> <p>Add together all the numbers</p>
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<p style="text-align: center;"><b>Q8</b></p> <p>If the <u>mean or median</u> is <b>higher</b>, what comment can you make?</p>	<p style="text-align: center;"><b>A4</b></p> <p>The mean</p>

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<p style="text-align: center;"><b>Q9</b></p> <p>If the <u>standard deviation</u> is <b>lower</b>, what comment can you make?</p>	<p style="text-align: center;"><b>A13</b></p> <p><math>360 \div \text{Total} \times \text{Frequency}</math></p>
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<p style="text-align: center;"><b>Q10</b></p> <p>If the <u>semi-interquartile range</u> is <b>lower</b>, what comment can you make?</p>	<p style="text-align: center;"><b>A14</b></p> <p>Put the list in order and split it into four equal groups</p>
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<p style="text-align: center;"><b>Q11</b></p> <p>If the <u>mean or median</u> is <b>lower</b>, what comment can you make?</p>	<p style="text-align: center;"><b>A15</b></p> <p style="text-align: center;">Divide by 12</p>
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<p style="text-align: center;"><b>Q12</b></p> <p>What five values are shown by a boxplot?</p>	<p style="text-align: center;"><b>A16</b></p> <p>Net Pay = Gross Pay – Total Deductions</p>

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<b>Q13</b> How do you find an angle in a pie chart?	<b>A9</b> The numbers are more consistent
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<b>Q14</b> How do you find the quartiles?	<b>A10</b> The numbers are more consistent
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<b>Q15</b> How do you calculate somebody's monthly wage when you know their annual salary?	<b>A11</b> On average, the numbers are lower
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<b>Q16</b> How do you find net pay?	<b>A12</b> Lowest, Lower Quartile, Median, Upper Quartile, Highest

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<p style="text-align: center;"><b>Q17</b></p> <p>If you get <b>double time</b> for overtime, what do you multiply by?</p>	<p style="text-align: center;"><b>A21</b></p> <p>a) Work out the taxable income. b) Work out the percentage of this amount.</p>
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<p style="text-align: center;"><b>Q18</b></p> <p>If you get <b>time-and-a-half</b> for overtime, what do you multiply by?</p>	<p style="text-align: center;"><b>A22</b></p> <p>Multiply by the exchange rate</p>
N5 Managing Finance & Statistics	N5 Managing Finance & Statistics
<p style="text-align: center;"><b>Q19</b></p> <p>If you get <b>time-and-a-quarter</b> for overtime, what do you multiply by?</p>	<p style="text-align: center;"><b>A23</b></p> <p>Divide by the exchange rate</p>
N5 Managing Finance & Statistics	N5 Managing Finance & Statistics
<p style="text-align: center;"><b>Q20</b></p> <p>How do you find somebody's <b>taxable income</b>?</p>	<p style="text-align: center;"><b>A24</b></p> <p>Annual Percentage Rate (the interest rate per year)</p>

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<p style="text-align: center;"><b>Q21</b></p> <p>How do you calculate somebody's annual tax?</p>	<p style="text-align: center;"><b>A17</b></p> <p style="text-align: center;">2</p>
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<p style="text-align: center;"><b>Q22</b></p> <p>When changing money from pounds into another currency, what type of sum do you do?</p>	<p style="text-align: center;"><b>A18</b></p> <p style="text-align: center;">1.5</p>
N5 Managing Finance & Statistics	N5 Managing Finance & Statistics
<p style="text-align: center;"><b>Q23</b></p> <p>When changing money from another currency back into pounds, what type of sum do you do?</p>	<p style="text-align: center;"><b>A19</b></p> <p style="text-align: center;">1.25</p>
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<p style="text-align: center;"><b>Q24</b></p> <p>In a credit card question, what does APR stand for?</p>	<p style="text-align: center;"><b>A20</b></p> <p style="text-align: center;">Annual salary – Tax allowances</p>