

<b>Online Homework Package</b> Created by : Elsit and Satya Mandal		
Course Id :Math 105	Topics in Mathematics	Semester : Summer2017
Instructor :Satya Mandal Line No : 84895		
Homework No: 3	Total Points :40	Due Date:(YYYY-MM-DD) 2017-07-27

<b>Question-1</b>	The following is the price (in dollars) of a stock checked by a trader several times on a particular day. <div style="text-align: center; border: 1px solid black; padding: 5px; display: inline-block;">           121 119 128 126 133 131 127 113         </div> <p>Find the mean price (in dollars) observed by the trader.</p>
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<b>Answer Question-1</b>	This is a Numerical-Answer Type Question
	The mean is <input style="width: 80%; border: none;" type="text"/>
Points	5.00

<b>Question-2</b>	Find the median price observed by the trader (in dollars).
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<b>Answer Question-2</b>	This is a Numerical-Answer Type Question
	The median is <input style="width: 80%; border: none;" type="text"/>
Points	5.00

<b>Question-3</b>	The following figures refer to the GPA of six students: <div style="text-align: center; border: 1px solid black; padding: 5px; display: inline-block;">           3.0 3.3 3.1 3.0 3.1 3.1         </div> <p>Find the median of the GPA.</p>
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<b>Answer Question-3</b>	This is a Numerical-Answer Type Question
	The meadia is <input style="width: 80%; border: none;" type="text"/>
Points	5.00

<b>Question-4</b>	Find the mean of the GPA.
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<b>Answer</b> <b>Question-4</b>	This is a Numerical-Answer Type Question The mean is
<b>Points</b>	5.00

<b>Question-5</b>	The following data give the lifetime (in days) of certain light bulbs. <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>938</td><td>942</td><td>950</td><td>909</td><td>978</td><td>997</td><td>1013</td><td>927</td> </tr> </table> Find the mean for the life time of these lamps .	938	942	950	909	978	997	1013	927
938	942	950	909	978	997	1013	927		

<b>Answer</b> <b>Question-5</b>	This is a Numerical-Answer Type Question The mean is
<b>Points</b>	5.00

<b>Question-6</b>	Find the median for the lifetime of the bulbs.
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<b>Answer</b> <b>Question-6</b>	This is a Numerical-Answer Type Question The median is
<b>Points</b>	5.00

<b>Question-7</b>	An athlete ran an event 30 times. The following frequency table gives the time taken (in seconds) by the athlete to complete the events. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Time (in seconds)</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>15.6</td> <td>3</td> </tr> <tr> <td>15.7</td> <td>6</td> </tr> <tr> <td>15.8</td> <td>5</td> </tr> <tr> <td>15.9</td> <td>6</td> </tr> <tr> <td>16.0</td> <td>7</td> </tr> <tr> <td>16.1</td> <td>3</td> </tr> <tr> <td>Total</td> <td>30</td> </tr> </tbody> </table> Compute the mean time taken by the athlete. (Write up to 4 significant digits.)	Time (in seconds)	Frequency	15.6	3	15.7	6	15.8	5	15.9	6	16.0	7	16.1	3	Total	30
Time (in seconds)	Frequency																
15.6	3																
15.7	6																
15.8	5																
15.9	6																
16.0	7																
16.1	3																
Total	30																

<b>Answer</b> <b>Question-7</b>	This is a Numerical-Answer Type Question The mean is
<b>Points</b>	5.00

<b>Question-8</b>	Find the median time taken by the athlete
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<b>Answer Question-8</b>	This is a Numerical-Answer Type Question
	The median is <input type="text"/>
<b>Points</b>	5.00

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