

<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: 4	Total Points :40	Due Date:(YYYY-MM-DD) 2017-07-27

<b>Question-1</b>	<p>The following is the weight (in ounces), at birth, of 30 babies born in Lawrence Memorial Hospital in May 2000.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>94</td><td>105</td><td>124</td><td>110</td><td>119</td><td>137</td><td>96</td><td>110</td><td>120</td><td>115</td></tr> <tr><td>104</td><td>135</td><td>123</td><td>129</td><td>72</td><td>121</td><td>117</td><td>96</td><td>107</td><td>80</td></tr> <tr><td>96</td><td>123</td><td>124</td><td>124</td><td>134</td><td>78</td><td>138</td><td>106</td><td>130</td><td>97</td></tr> </table> <p>Compute the mean weight, at birth, of the babies.</p>	94	105	124	110	119	137	96	110	120	115	104	135	123	129	72	121	117	96	107	80	96	123	124	124	134	78	138	106	130	97
94	105	124	110	119	137	96	110	120	115																						
104	135	123	129	72	121	117	96	107	80																						
96	123	124	124	134	78	138	106	130	97																						

<b>Answer Question-1</b>	<p style="text-align: center; background-color: #008080; color: white; padding: 2px;">This is a Numerical-Answer Type Question</p> <p>Mean weight = <input style="width: 150px;" type="text"/></p>
Points	5.00

<b>Question-2</b>	Using the previous table, compute the median weight, at birth, of the babies.
-------------------	---

<b>Answer Question-2</b>	<p style="text-align: center; background-color: #008080; color: white; padding: 2px;">This is a Numerical-Answer Type Question</p> <p>Median weight = <input style="width: 150px;" type="text"/></p>
Points	5.00

<b>Question-3</b>	<p>Following is a frequency table for the hourly wages (paid only in whole dollars) of 99 employees in an industry.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><b>Hourly Wages (in whole dollars)</b></td> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td> </tr> <tr> <td style="text-align: center;"><b>Frequency</b></td> <td>11</td><td>4</td><td>10</td><td>4</td><td>9</td><td>8</td><td>6</td><td>5</td><td>17</td><td>19</td><td>3</td><td>1</td><td>2</td> </tr> </table> <p>Compute the mean hourly wage.</p>	<b>Hourly Wages (in whole dollars)</b>	7	8	9	10	11	12	13	14	15	16	17	18	19	<b>Frequency</b>	11	4	10	4	9	8	6	5	17	19	3	1	2
<b>Hourly Wages (in whole dollars)</b>	7	8	9	10	11	12	13	14	15	16	17	18	19																
<b>Frequency</b>	11	4	10	4	9	8	6	5	17	19	3	1	2																

<b>Answer Question-3</b>	<p style="text-align: center; background-color: #008080; color: white; padding: 2px;">This is a Numerical-Answer Type Question</p> <p>Mean hourly wage = <input style="width: 150px;" type="text"/></p>
--------------------------	---

Points	5.00
--------	------

**Question-4** Using the previous frequency table, compute the median hourly wage.

<b>Answer Question-4</b>	This is a Numerical-Answer Type Question
	Median hourly wage =
Points	5.00

**Question-5** The following is the frequency table on the number of typos in a sample of 30 books published by a publisher.

<b>Number of Typos</b>	<b>156</b>	<b>158</b>	<b>159</b>	<b>160</b>	<b>162</b>
<b>Frequency</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>9</b>

Compute the mean number of typos in a book.

<b>Answer Question-5</b>	This is a Numerical-Answer Type Question
	Mean number of typos =
Points	5.00

**Question-6** Using the previous frequency table, compute the median number of typos found in a book.

<b>Answer Question-6</b>	This is a Numerical-Answer Type Question
	Median number of typos found in a book =
Points	5.00

**Question-7** The following are the lengths (in inches), at birth, of 14 babies born in Lawrence Memorial Hospital in May 2000.

<b>Length</b>	<b>17</b>	<b>18.5</b>	<b>19</b>	<b>20</b>	<b>21.5</b>
<b>Frequency</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>2</b>

Compute the mean length, at birth, of these babies.

<b>Answer</b>	This is a Numerical-Answer Type Question
---------------	--

<b>Question-7</b>	Mean length =
Points	5.00

**Question-8** Using the previous table, compute the median length, at birth, of these babies.

<b>Answer Question-8</b>	This is a Numerical-Answer Type Question Median length =
Points	5.00

[Logout](#)