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## Homework Assignments

<b>Weeks</b>	<b>Problems</b>	<b>Due Time</b>
<b>1</b>	<b>1.2-1, 1.2-3, 1.3-2 (consider data in 1.2-3)</b>	<b>Sept. 6</b>
<b>2</b>	<b>1.4-2, 1.5-2, 1.5-4</b>	<b>Sept. 13</b>
<b>3</b>	<b>2.1-1,2.1-3,2.1-4,2.1-5,2.1-6</b>	<b>Sept. 20</b>
<b>4</b>	<b>2.2-1, 2, 3, 4, 7, 9, 14</b>	<b>Sept. 27</b>
<b>5</b>	<b>2.3-1, 2, 3, 4, 6</b>	<b>Oct. 4</b>
<b>6-7</b>	<b>2.4-1,3,4,6,9, 2.5-1,3,4,5,8</b>	<b>Oct. 18</b>
<b>8</b>	<b>3.1-4(b)(c),5,6(b),7(a) Obtain F(x), and plot f(x) and F(x) 3.2-1,2,8</b>	<b>Oct. 25</b>
<b>9</b>	<b>3.2-3,6,7, 3.3-1,2,4, If <math>Y \sim \text{Gamma}(\alpha = 1, \beta = \frac{1}{\lambda})</math>, find its mean <math>E(Y)</math> and variance <math>\text{Var}(Y)</math></b>	<b>Nov. 1</b>
<b>10</b>	<b>4.1-1, 3, 4, 5, 7</b>	<b>Nov. 8</b>
<b>11-12</b>	<b>4.2-1,5,6 4.3-1,2,3,5</b>	<b>Nov. 22</b>
<b>13</b>	<b>4.4-2,3(b)(c),4,7 4.5-3,4,5,6</b>	<b>Nov. 29</b>
<b>14-15</b>	<b>6.1 - 2,3,5,6,7,8,11,12</b>	<b>Dec. 6</b>

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## Who get the homework bonus?

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