



Probability Random Variables - Probability Table to Expected Value Calculation

1 Which expression correctly calculates the expected value $E(X)$?	How would you calculate the expected value? <table border="1"> <thead> <tr> <th>X</th> <th>P(X)</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>0.40</td> </tr> <tr> <td>3</td> <td>0.10</td> </tr> <tr> <td>4</td> <td>0.50</td> </tr> </tbody> </table>	X	P(X)	2	0.40	3	0.10	4	0.50	2 Which expression correctly calculates the expected value $E(X)$?	How would you calculate the expected value? <table border="1"> <thead> <tr> <th>X</th> <th>P(X)</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0.60</td> </tr> <tr> <td>1</td> <td>0.20</td> </tr> <tr> <td>2</td> <td>0.20</td> </tr> </tbody> </table>	X	P(X)	0	0.60	1	0.20	2	0.20		
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