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| [InterviewQs](http://url4828.interviewqs.com/ls/click?upn=qwT-2Bl0U064-2B7oRNpPgUya7ecPmGRwE2khpP-2F5cNr-2FmX-2B6PqYxRHzWlRa-2B8ecgLBA9-2BqgBN6N-2BlN6LynvPDDX8gP5GJnL7P-2FdFw86KOd0IkE-3Dm-Lw_IX5HKWnhXeILdZHF1orS-2BlB9GK8lB7SYfPoy-2FMuH4KRohMZLpajhsnIOVcXh9Dl1-2FEM0gexeUVi2uV8saiYk-2BIoemGnh34m-2BtT-2BROOE0Lc-2Bkopd6Z27bKGuv7dOuQ73sXkNsOgMybAyt1cBiJAwdfrsAeeJh5bJa8Hot90W16qZ7R-2BtpW-2FgA186GOcU67cb6XnGwPV4EdWy0J5lhkiOLEpkSIh9wElrdRM-2BDVcc4HNtLNLvxHTSAmVBNwgVtVoSG-2Bs3YJTFkYwIbCPHaDW5npxxcjRdFPOwiKuKdcSiOkcvdhBVpjSSIo7-2BQQxNdPFc68PMatdRh9G6kUc-2BGbCFg8jRlggo3nZN9ZwWYrCrVpLvvVQ1Vc-2FUXseTBWUtkgv33) |

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| **Chi square testing candy distribution** |

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| ***Statistics, Chi-square Test*** |

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| Suppose Candy Company XYZ produces lollipops. The company claims that 30% of the lollipops are cherry, 60% are grape, and 10% are lime.  Given a random sampling of 100 lollipops with 50 cherry, 45 grape, and 5 lime, determine whether or not this is consistent with the company's claim. Use a 0.05 level of significance. |