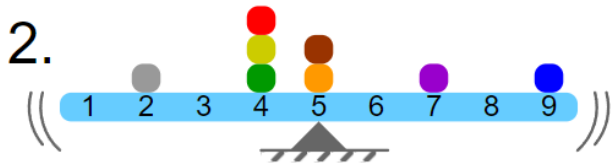


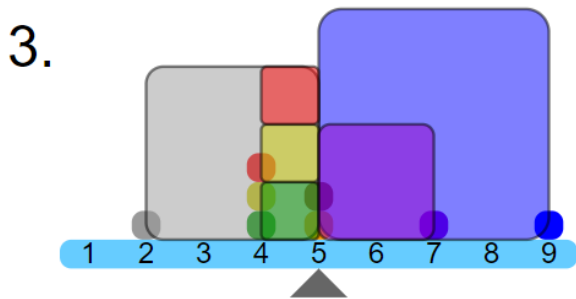
Visualising Variance from Mean



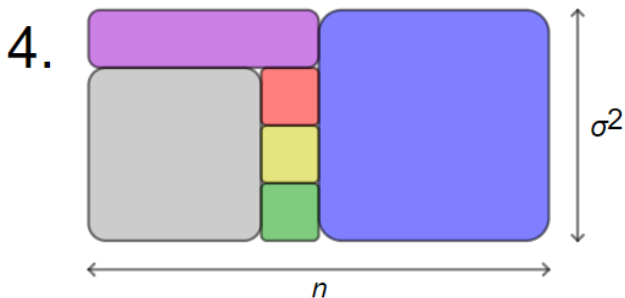
Average is 5 ... $(2 + 4 + 4 + 4 + 5 + 5 + 7 + 9) / 8 = 5$



Balances in the middle



Square the 'distance' from the average = Area



Rearrange the areas, total them.
Areas / n = Variance