

Section 2.1

Frequency Tables & Histograms Part III

Adult Female Heights (cm)

{ 148 152 155 152 155 155 156 158 158 156 }
 { 152 159 164 157 159 160 162 158 159 156 }
 { 162 160 166 167 167 164 170 175 176 184 }

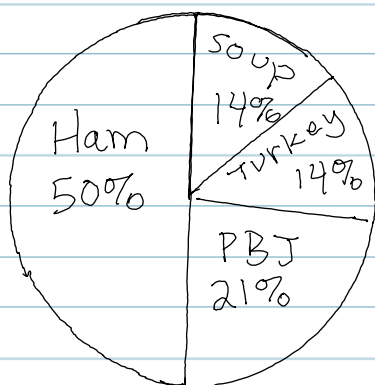
Stem & Leaf Plots (for quantitative data)

Stem (tens)	Leaves (ones)
14	8,
15	2, 5, 2, 5, 5, 6, 8, 8, 6, 2, 9, 7, 9, 8, 9, 6
16	4, 0, 2, 2, 0, 6, 7, 7, 4
17	0, 5, 6
18	4

Pie Charts (for categorical data)

Lunches Last Week →	Mon	Tue	Wed	Thu	Fri	Category	Freq.	Relative Frequency
	ham, ham, PBJ	PBJ, soup	ham, ham, turk	ham, soup, PBJ	ham, ham, turk	Soup	2.	$2/14 = 14\%$
						Turkey	2.	$2/14 = 14\%$
						Ham	7.	$7/14 = 50\%$
						PBJ	3.	$3/14 = 21\%$
						Total:	14	$14/14 = 100\%$

Pie Chart



↑
 $n=14$
 (sample size)

Angle for a slice = (Relative frequency) $\cdot 360^\circ$