

Stem and Leaf Diagrams 1

Exercise: For each of the data sets provide a stem and leaf diagram, and from them find the median and range for the data.

96	79	23	94	78	32	26
41	99	69	55	11	55	15
11	21	50	24	36	9	29

Key: 3|5 represents 35

Part One (Unsorted)									
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									

Part Two (Sorted)									
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									

Median =

Range =

Key:
3|5
represents
35

85	47	10	41	84	88	84	15	53
23	15	71	88	12	21	84	53	55
96	96	63	15	94	86	59	78	63
83	97	77	97	15	29	6	63	33
83	12	3	71	49	24	96	15	66

Part One (Unsorted)									
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									

Part Two (Sorted)									
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									

Median =

Range =

Stem and Leaf Diagrams 1

Key:

13	61	52	26	43	11	21	6	59
21	23	28	6	18	39	38	14	21
61	11	2	61	95	69	64	13	6
7	28	60	4	80	7	55	18	89
15	99	20	40	67	52	33	7	28
98	16	55	66	63	76	36	65	21
11	86	10	53	46	95	65	87	91

Part One (Unsorted)									
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									

Part Two (Sorted)									
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									

Median =

Range =

Key:

60	28	38	7	48	32	78	75	5	58
47	78	42	33	83	29	84	38	21	18
22	87	71	33	20	14	71	39	22	89
85	18	40	41	51	14	71	36	89	16
84	72	96	42	11	11	7	83	98	21
52	57	87	48	54	54	58	43	15	69
5	88	51	44	1	48	40	59	98	63
85	75	62	44	11	77	97	76	64	

Part One (Unsorted)									
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									

Part Two (Sorted)									
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									

Median =

Range =

Stem and Leaf Diagrams 1

Exercise: For each of the data sets provide a stem and leaf diagram, and from them find the median and range for the data.

96	79	23	94	78	32	26
41	99	69	55	11	55	15
11	21	50	24	36	9	29

Key: 3 5 represents 35

Part One (Unsorted)									
0	9								
1	1	1	5						
2	1	3	4	6	9				
3	6	2							
4	1								
5	0	5	5						
6	9								
7	9	8							
8									
9	6	9	4						

Part Two (Sorted)									
0	9								
1	1	1	5						
2	1	3	4	6	9				
3	2	6							
4	1								
5	0	5	5						
6	9								
7	8	9							
8									
9	4	6	9						

Median = 36

Range = 99 - 9 = 90

Key: 3 5 represents 35

85	47	10	41	84	88	84	15	53
23	15	71	88	12	21	84	53	55
96	96	63	15	94	86	59	78	63
83	97	77	97	15	29	6	63	33
83	12	3	71	49	24	96	15	66

Part One (Unsorted)									
0	3	6							
1	5	2	0	5	2	5	5	5	
2	3	1	9	4					
3	3								
4	7	1	9						
5	9	3	3	5					
6	3	3	3	6					
7	1	7	1	8					
8	5	3	3	8	4	8	6	4	4
9	6	6	7	7	4	6			

Part Two (Sorted)									
0	3	6							
1	0	2	2	5	5	5	5	5	
2	1	3	4	9					
3	3								
4	1	7	9						
5	3	3	5	9					
6	3	3	3	6					
7	1	1	7	8					
8	3	3	4	4	4	5	6	8	8
9	4	6	6	6	7	7			

Median = 63

Range = 97 - 3 = 94

Stem and Leaf Diagrams 1

13	61	52	26	43	11	21	6	59
21	23	28	6	18	39	38	14	21
61	11	2	61	95	69	64	13	6
7	28	60	4	80	7	55	18	89
15	99	20	40	67	52	33	7	28
98	16	55	66	63	76	36	65	21
11	86	10	53	46	95	65	87	91

Key:
3|5
represents
35

Part One (Unsorted)											
0	7	2	6	4	7	6	7	6			
1	3	5	1	1	6	0	8	1	4	3	8
2	1	3	8	8	0	6	1	1	8	1	
3	9	8	3	6							
4	0	3	6								
5	2	5	3	2	5	9					
6	1	1	0	1	6	7	3	9	4	5	5
7	6										
8	6	0	7	9							
9	8	9	5	5	1						

Part Two (Sorted)											
0	2	4	6	6	6	7	7	7			
1	0	1	1	1	3	3	4	5	6	8	8
2	0	1	1	1	1	3	6	8	8	8	
3	3	6	8	9							
4	0	3	6								
5	2	2	3	5	5	9					
6	0	1	1	1	3	4	5	5	6	7	9
7	6										
8	0	6	7	9							
9	1	5	5	8	9						

Median = 38

Range = 99 - 2 = 97

60	28	38	7	48	32	78	75	5	58
47	78	42	33	83	29	84	38	21	18
22	87	71	33	20	14	71	39	22	89
85	18	40	41	51	14	71	36	89	16
84	72	96	42	11	11	7	83	98	21
52	57	87	48	54	54	58	43	15	69
5	88	51	44	1	48	40	59	98	63
85	75	62	44	11	77	97	76	64	

Key:
3|5
represents
35

Part One (Unsorted)											
0	5	7	1	7	5						
1	8	1	1	4	4	1	5	8	6		
2	2	8	0	9	1	2	1				
3	8	3	3	2	8	9	6				
4	7	2	0	1	2	8	4	4	8	8	0
5	2	7	1	1	4	4	8	9	8		
6	0	2	4	3	9						
7	8	2	5	1	7	8	1	1	5	6	
8	5	4	5	7	8	7	3	4	3	9	9
9	6	7	8	8							

Part Two (Sorted)											
0	1	5	5	7	7						
1	1	1	1	4	4	5	6	8	8		
2	0	1	1	2	2	8	9				
3	2	3	3	6	8	8	9				
4	0	0	1	2	2	3	4	4	7	8	8
5	1	1	2	4	4	7	8	8	9		
6	1	2	3	4	9						
7	1	1	1	2	5	5	6	7	8	8	
8	3	3	4	4	5	5	7	7	8	9	9
9	6	7	8	8							

Median = 48

Range = 98 - 1 = 97