

Selecting Stems

For each of the data sets below carefully select suitable stems for a stem-and-leaf plot.

Heights of a Class of Year 7 Students (in cm)

156	162	148	151	145	140	157	147	160	174
142	176	179	178	175	142	157	151	164	156
146	176	146	173	176	153	165	156	153	175
144	140	140	154	174	150	175	161	159	169

Time to Run 100 Metres (seconds)

15.4	16.9	14.1	18.3	16.7	17.4	14.8	15.2	19.1	17.0
15.7	16.5	18.1	18.2	15.5	16.7	17.4	16.9	14.9	15.6

Test Marks

65	49	61	63	94	64	98	62	41	80
58	82	81	61	45	81	74	49	89	94
92	98	85	74	66	78	93	65	68	49

Shoe sizes

6	8	7	8	5	8	6	10	7	8
8	7	8	8	8	9	9	9	10	7

Days Taken For "Second Class Mail" to get to Australia from USA

48	49	46	44	32	34	37	52	36	49
32	30	53	44	40	30	36	50	35	31
38	53	35	33	46	51	30	38	42	46
50	33	37	44	36	53	46	49	46	33

Populations of Nations in Australia/Oceania

Australia	20 100 000	Guam	200 000
New Zealand	4 100 000	Kiribati	100 000
Fiji	800 000	Marshall Islands	100 000
New Caledonia	200 000	Micronesia	119 000
Papua New Guinea	5 700 000	Nauru	12 000
Solomon Islands	500 000	Nth Mariana Islands	78 000
Vanuatu	200 000	Palau	20 000
American Samoa	68 000	Tahiti	300 000
Cook Islands	20 000	Niue	2 000
Pitcairn	100	Samoa	200 000
Tonga	100 000	Tuvalu	10 000