

Stem & Leaf Plots
Unit 8: Statistics

Draw a stem-and-leaf plot for each data set.

1.

Single Family Home Prices

\$232,500	\$233,300	\$221,700	\$227,700	\$242,100	\$223,900
\$236,500	\$216,600	\$253,200	\$220,700	\$233,600	\$208,700
\$210,500	\$245,500	\$221,700	\$223,600	\$229,000	

2.

Car Masses (kg)

1545	1720	1530	1720	925	1560
800	1330	1505	1245	1650	1730
1770	1380	895	1340	1455	1310
910	1455	1610			

3.

Boiling Point

Substance	°C	Substance	°C	Substance	°C
Mercury	356.7	Tin	2603	Radium	1140
Sea Water	100.7	Titanium	3287	Zinc	907
Silver	2162	Lead	1750	Phosphorus	280.5
Potassium	758.8	Chloroform	61.2	Gold	2856
Aluminum	2519	Carbon	4827	Iodine	184.3

Draw a stem-and-leaf plot for each data set.

4.

Mountain Heights

Name	Feet	Name	Feet	Name	Feet
Broad Peak	26,414	Gangkhar Puensum	24,836	Kangchenjunga	28,169
Muztagh Ata	24,757	Kongur Tagh	25,095	Karjiang	23,691
Shispare	24,970	Yutmaru Sar	23,894	Skyang Kangri	24,754
Masherbrum	25,659	Gasherbrum IV	26,024	Kangpenqing	23,888
Kirat Chuli	24,153	Yangra	24,350	Tongshanjiabu	23,645
K12	24,370	Rakaposhit	25,551	Malangutti Sar	23,645
Malubiting	24,469	Annapurna I	26,545	Teram Kangri III	24,219
Cho Oyu	26,864				

5.

Monthly Revenue

\$34,240	\$63,440	\$44,830	\$42,650	\$39,580	\$56,130
\$43,750	\$36,780	\$47,690	\$44,190	\$56,790	\$49,420
\$44,920	\$67,190	\$67,560	\$58,340	\$46,010	\$76,940
\$39,750	\$53,170	\$64,350	\$64,490		

6.

Nobel Laureates

Name	Age	Name	Age	Name	Age
Konstantin Novoselov	36	George Smoot III	61	Andrew Fire	47
Irwin Rose	78	Gejong Gyatso	54	Adolfo Esquivel	49
David Baltimore	37	Joseph Goldstein	45	Phillip Sharp	49
Martinus Veltman	68	Val Fitch	57	Doris Lessing	88
Seamus Heaney	56	Edmund Phelps	73	Wole Soyinka	52
Tsung-Dao Lee	31	Daniel Tsui	59	Akira Suzuki	80
Theodor Hänsch	64	Steven Chu	49	James Mirrlees	60
Thomas Schelling	84				