

## Box-and-Whisker Plots – Day 4

### Unit 8: Statistics

Draw a box-and-whisker plot for each data set.

1.

**Monthly Revenue**

\$53,760	\$77,530	\$56,840	\$63,330	\$53,340	\$73,310
\$59,980	\$62,230	\$56,340	\$71,190	\$43,720	\$57,400
\$47,720	\$55,170	\$77,880	\$55,830	\$47,130	\$71,260
\$45,420	\$71,500	\$66,540	\$69,950	\$43,980	

2.

**Injuries Due to Distracted Driving per Month**

5,332	10,310	5,396	5,833	8,442	8,515
8,272	9,217	5,743	6,315	3,916	7,106
7,812	7,411	7,897	7,067	7,457	8,930
7,911	4,319	7,509	8,142	7,949	

3.

**Average Lifespan**

Animal	Years	Animal	Years	Animal	Years
Mosquitofish	2	Cottontail	10	Domestic Pigeon	26
Leopard	17	Mynah	8	Kangaroo	9
Bear	40	Superb Parrot	36	Lion	35
Ferret	12	Rattlesnake	22		

Draw a box-and-whisker plot for each data set.

4.

**Boiling Point**

Substance	°C	Substance	°C	Substance	°C
Zinc	907	Copper	2,562	Chloroform	61.2
Aluminum	2,519	Sulphur	444.7	Plutonium	3,232
Silicon	2,357	Silver	2,162	Ethanol	78.4
Titanium	3,287	Lead	1,750	Nitric Acid	83
Sodium	882.8	Iron	2,862	Sea Water	100.7
Nickel	2,913	Calcium	1,484	Gold	2,856
Carbon	4,827	Tin	2,603	Sulphuric Acid	337
		Glycerol	290		

5.

**Hits in a Round of Hacky Sack**

5	5	15	3	5	2
4	11	11	6	11	19
5	3	9	10	8	12
18	2	3	4		

6.

**Campers at National Parks**

Park	Campers	Park	Campers	Park	Campers
Catoctin Mountain Park	4,091	Grand Teton	10	Prince William Forest Park	8,797
Haleakala	7,663	Bighorn Canyon	2,979	Olympic	104,546
Zion	106,819	Kenai Fjords	788	Rocky Mountain	75,796
Great Sand Dunes	17,060	Denali	20,586	Big Cypress	1,288
Craters of the Moon	6,402	Blue Ridge Parkway	39,817	Padre Island	16,120
Joshua Tree	172,026	New River Gorge River	6,603	Natural Bridges	3,633
Kings Canyon	73,413	Glacier	104,928	Big Bend	37,596