

## Box-and-Whisker Plots

### Unit 8: Statistics

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

1.

**Monthly Revenue**

\$69,200	\$53,120	\$47,320	\$85,610	\$50,470	\$52,780
\$77,270	\$50,060	\$80,770	\$59,110	\$72,470	\$54,250
\$58,740	\$84,060	\$66,820	\$55,690	\$68,620	

2.

**Car Masses (kg)**

1,465	1,375	1,725	1,040	1,395	1,745
1,380	1,355	1,645	1,395	1,285	965
1,630	1,885	1,420	1,440	1,365	1,745
1,600	1,715	1,745	1,560		

3.

**Per Capita Income**

Country	US Dollars	Country	US Dollars	Country	US Dollars
Turkey	18,975	Gabon	19,260	Iceland	39,996
Niger	913	Aruba	36,016	Iran	15,586
South Sudan	2,330	United Kingdom	36,197	China	11,904
Kenya	2,265	Swaziland	6,683	Grenada	11,498
Mauritania	3,042	Djibouti	2,998	Cambodia	3,042
		Afghanistan	1,990		

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

4.

**Age at Inauguration**

President	Age	President	Age	President	Age
Herbert Hoover	54	Rutherford B Hayes	54	John Adams	61
Millard Fillmore	50	Richard Nixon	56	John Tyler	51
Warren G Harding	55	Ronald Reagan	69	Jimmy Carter	52
John F Kennedy	43	Ulysses S Grant	46	Grover Cleveland	47
Barack Obama	47	Dwight D Eisenhower	62	George H W Bush	64
John Quincy Adams	57	James Madison	57	Andrew Jackson	61
Lyndon B Johnson	55	Zachary Taylor	64	Martin Van Buren	54
		James Buchanan	65		

5.

**Injuries Due to Distracted Driving per Month**

9,894	5,720	7,886	9,871	10,059	9,772
11,110	9,673	10,395	5,812	7,776	6,202
5,602	5,566	10,136	9,747	8,813	5,354
7,182	7,860	8,027	9,658	7,734	

6.

**Mountain Heights**

Name	Meters	Name	Meters	Name	Meters
Putha Hiunchuli	7,246	Kangchenjunga	8,586	Annapurana I	8,091
Saser Kangri III	7,495	Jongsong Peak	7,462	Shishapangma	8,027
Salto Kangri	7,742	Kongur Tagh	7,649	Nanga Parbat	8,126
Teram Kangri I	7,462	Baltistan Peak	7,282	Batura Sar	7,795
Skyang Kangri	7,545	Dhaulagiri I	8,167	Jengish Shokusu	7,439
Chomo Lonzo	7,804	Langtang Lirung	7,227	Saraghrar	7,349
Gasherbrum I	8,080	Ultar	7,388	Gasherbrum IV	7,932
Lupghar Sar	7,200	Mamostong Kangri	7,516		