Chapter 8.6
Box-and-Whisker Plot - Answer Key

1. minimum: 64	Q_1: 68	median: 76	Q_3: 84	maximum: 94
2. minimum: 5	Q_1: 8	median: 12	Q_3: 17	maximum: 19
3. minimum: 1	Q_1: 6	median: 8.5	Q_3: 10	maximum: 12

4.   2, 5, 7, 9, 10, 13, 16

Minimum	2
Median	9
Maximum	16
Q_1 Median	5
Q_3 Median	13
Range	14
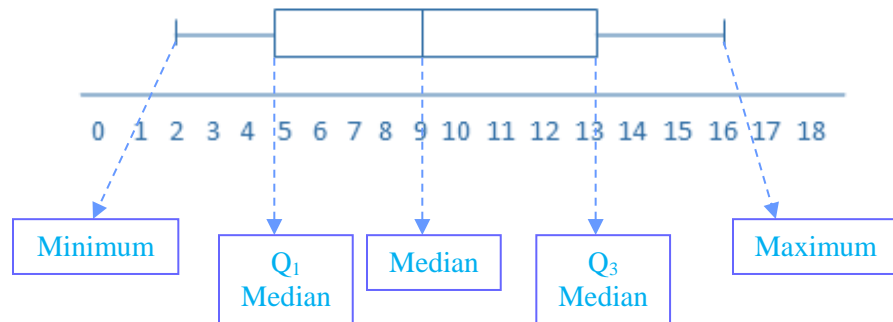
5.   65, 65, 70, 75, 80, 85, 90, 95, 100

Minimum	65
Median	80
Maximum	100
Q_1 Median	67.5
Q_3 Median	92.5
Range	35
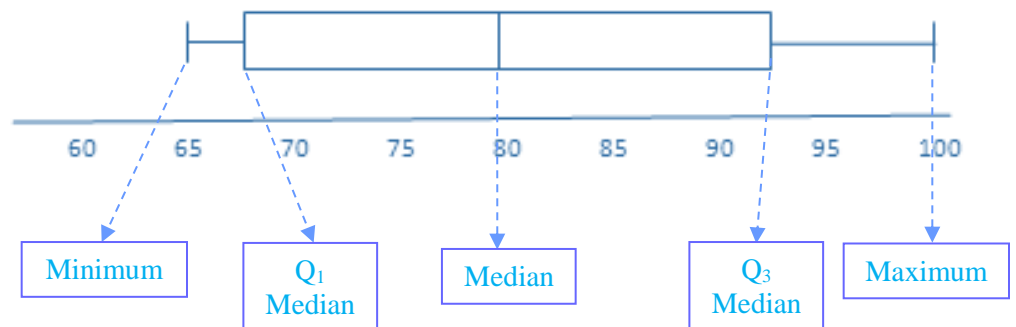
6. The range of time that it takes Brand B to be effective is larger than Brand A. However, that also means that some people get relief sooner with Brand B than with Brand A. The more consistent of the two medications is Brand A

Chapter 8.6
The Normal Curve - Answer Key

1. below average

2. Marie; her score is more than 2 standard deviations higher than average 3.

3. 74.9%

4. 15.9%

5. 75

6. 2.14%

7. 70.6, 129.4

8. 3.6%

9. 13.4%

10. 67

11. 16%