Measures of Position and Outliers - Key

1. Sally (Be sure to state the reason why)

2. Goldie (Be sure to state the reason why)

3. Jill (Be sure to state the reason why)

4. x = 85.3

5. mean = 14.749

6. s.d. = 1.4

7. z = 0.59

8. Q1 = 12, Q2 = 38, Q3 = 93

9. 2.44 to 2.64

10. 40th

11. 11th

12. 31

13. 58

14.

       a) Q1 = 46, Q2 = 217, Q3 = 403

       b) 357

       c) 178.5

       d) 224.5

       e) 465.5

15. LF = -109, UF = 231, Outlier = 512