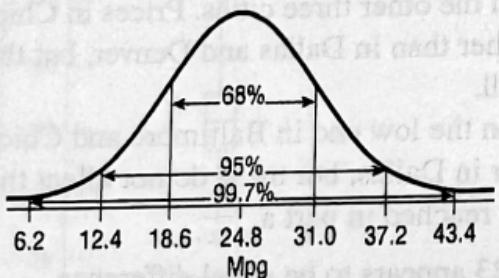
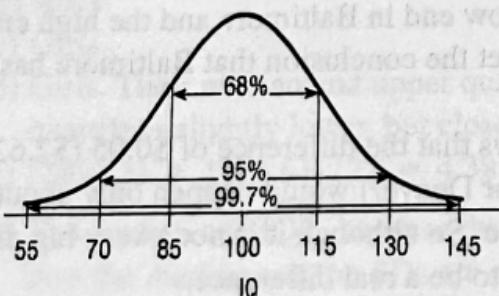


9. a)



- b) 18.6 to 31.0 mpg c) 16%
d) 13.5% e) Less than 12.4 mpg

10. a)



- b) 70 to 130 IQ points c) 16%
d) 13.5% e) 2.5%

11. The boy's height is 1.88 standard deviations below the mean height of American children his age.

12. a) Your score was 2.2 standard deviations higher than the mean score in the class.

b) 16%

13. a) 12.2% b) 71.6% c) 23.3%

14. a) 90.9% b) 25.2% c) 19.5%

15. a) 2.8% b) 29.2% c) 68.0%

16. a) \$270,381

b) Not very. The top 1% of incomes in 2014 were above \$388,000.

c) The mean is much greater than the median, and one standard deviation below the mean is already into negative incomes.