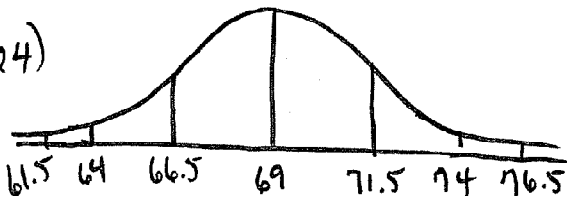


HW Answers p. 137, p. 142, p. 147

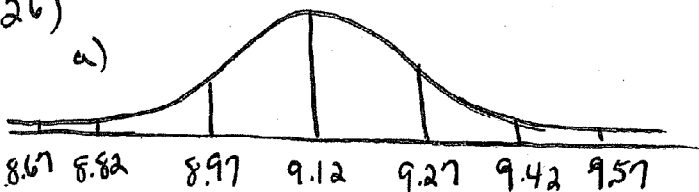
p. 137

#24)



#26)

a)



b)  $x = 8.97$  falls at the 16<sup>th</sup> percentile

c) A bag weighing between 8.67 oz and 9.27 oz will make up 84% of the observations.

$$100\% - 16\% = 84\%$$

p. 142

#30) a) 0.0069    b) 0.1798    c) 0.1004

p. 147

#32) a)  $z = -0.67$  (TABLE A)    b)  $z = 0.25$  (TABLE A)  
 $z = -0.6745$  (CALC)     $z = 0.2533$  (CALC)

#34) a)  $\approx 65.54\%$   
 b)  $\approx 5.5\%$   
 c) 162 or higher