Noah Foilb

9.4)

a. Y = 18.93 – 9.11\*eth + 3.10\*sex + 2.15irn

b. Ethic: a 9.11 absent day decrease in not aboriginal children.

Sex: a 3.10 absent day increase in males.

Learner status: a 2.15 absent day increase in slow learners

c. After putting the values in I got a residual of 2 – 24.18 = -22.18

d.  1 - (240.57/264.17)\*((146-1)/(146-3-1)) = 0.0701

9.6)

a. (.34 – 2.048\*0.13, 0.34 + 2.048\*0.13) = (0.0738, 0.6062)

b. Y = -57.99 + 0.34\*H + 4.71\*D

Y = 22.093

This model underestimates volume by 2.107 cubic feet.

9.10) Ethnicity should be added first as it has the best R^2 value and has the smallest P- Value