(1) $t_{0.025}(10) = 2.228$

(2) $t_{0.95}(8) = -t_{0.05}(8) = -1.86$

(3) $\chi^2_{0.05}(12) = 21.03$

(4) $\chi^2_x(15) = 7.26 \Rightarrow x = 0.95$

(5) $\chi^2_{0.95}(10) = 3.94$

(6) $F_{0.05}(5.8) = 3.69$

(7) $F_{0.95}(6.7) = \dfrac{1}{F_{0.05}(6.7)} = \dfrac{1}{3.87} = 0.258 \neq 0.26$

(8) $F_x(6.6) = 4.28 \Rightarrow x = 0.05$