1. 請利用 t 分配、χ^2 分配與 F 分配表，回答下列各小題：

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

(2) $t_{0.95}(8) = ?$ $-t_{.005}(8) = -1.86$

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

(4) $\chi^2_{\alpha}(15) = 7.26$，求 $\alpha = ?$ 0.95

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

(6) $F_{0.05}(5, 8) = ?$ 3.69

(7) $F_{0.95}(6, 7) = ?$ 0.24

(8) $F_{\alpha}(6, 6) = 4.28$，求 $\alpha = ?$ 0.05