

Week 3

p. 221

6.19

母体 σ 未知

$$1 - \alpha = 0.95$$

$$Z_{\frac{\alpha}{2}} = Z_{0.025} = 1.96$$

$$e = 0.01$$

$$S = 0.05$$

$$n = \left(\frac{Z_{\frac{\alpha}{2}} S}{e} \right)^2$$

$$= \left(\frac{1.96 \times 0.05}{0.01} \right)^2$$

$$= \left(\frac{0.098}{0.01} \right)^2$$

$$= 96.04 \div 97$$

已觀察 335 袋

需再增 $97 - 35 = 62$ 袋