

助教出的習題

$$6,1250 \pm Z_{0.025} \sqrt{\frac{140^2}{120}}$$

$$= 1250 \pm 25.05$$

$$\Rightarrow (1224.95, 1275.05)$$

$$10. (11) M_1 - M_2 = \bar{x} - \bar{y} = 85 - 78 = 7$$

$$(2) 7 \pm 1.645 \sqrt{\frac{154}{50} + \frac{146}{40}}$$

$$= 7 \pm 1.645 \times 2.59$$

$$= 7 \pm 4.26$$

$$(21.74, 11.26) \#$$