Week A10826004

(1) $Ag: \frac{L}{2}=\frac{K}{4} \Rightarrow L^*=2g,\ K^*=4g \quad C=1\times 2g+2\times 4g=10g$

$LTC_A=10g+40$

$B=g=\frac{L}{4}=\frac{K}{2} \Rightarrow L^*=4g\ K^*=2g\ C=1\times 4g+2\times 2g=8g \quad LT_cB=8g+100$

(2) $g=20 \quad TC_A=240 \quad TC_B=260 \Rightarrow$ 選 A

(3) $g=40 \quad TC_A=440 \quad TC_B=420 \Rightarrow$ 選 B

(4) $TC_A < TC_B \quad 10g+40 < 8g+100$

$2g < 60$

$g < 30$