Date NO.

4. $MR = P(1 - \frac{1}{Ed})$

$MR = 4ML(1 - \frac{1}{Ed})$.

$ML = 4ML(1 - \frac{1}{Ed})$.

$Ed = \frac{4}{3}$.

5.

$P = a - bq$

$MR = a - 2bq$.

$MR = a - 2bq$.

$MR = ML + t = kt + t$.

$q^* = \frac{a-(k+t)}{2b}$.

$p^* = \frac{a-(k+t)}{2} = \frac{a+(k+t)}{2}$.

$p^* - p_0 = \Delta p = \frac{t}{2}$

6.

$MC_A = MC_B - MR$.

$4q_A = 8q_B - 320 - 2q_A - 2q_B$.

$\Rightarrow q_A = 40 \quad q_B = 20 \quad P = 320$.