

A108260083 鍾佳良

date

No.

K	L	q	APL	APK	MPL
20	0	0	0	0	0
20	5	20	$\frac{20}{5}=4$	$\frac{20}{20}=1$	$\frac{20}{5}=4$
20	10	43	4.3	$\frac{43}{20}=2.15$	$\frac{23}{5}=4.6$
20	15	57	3.8	2.85	$\frac{14}{5}=2.8$
20	20	67	3.35	3.35	$\frac{10}{5}=2$
20	25	75	3	3.75	$\frac{8}{5}=1.6$

2. $q = 21L + 9L^2 - L^3$

① $MPL = 0$

$-3L^2 + 18L + 21 = 0$

(A) 7

$-3L^2 - 18L - 21 = 0$

(B) 7

$3(L^2 - 6L - 7) = 0$

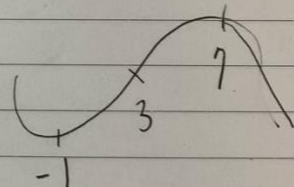
(C) 3

$3(L-7)(L+1) = 0$

$L = 7$

$-6L + 18 = 0$

$L = 3$



3. $L = 10$

$K = 5$

$MPL = 5$

$q = 500$

$\frac{MPL}{L} = \frac{MPK}{K}$

$\frac{5}{10} = \frac{MPK}{5}$

$MPK = 2.5$

4.

(A) SATIOP

(B) $L = 2$

$K = 1$