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①

K	L	q	APL	APK	MPL
20	0	0	0	0	0
20	5	20	4	1	4
20	10	43	4.3	$\frac{43}{20}$	$\frac{23}{5}$
20	15	57	$\frac{57}{15}$	$\frac{57}{20}$	$\frac{14}{5}$
20	20	67	$\frac{67}{20}$	$\frac{67}{20}$	2
20	25	75	3	$\frac{75}{20}$	$\frac{8}{5}$

- ② (A) $-3L^2 + 18L + 21 = 0$ $L = 3$
 (B) $-3L^2 + 18L + 21 = 0$ $L^2 - 6L - 7 = 0$ $(L+1)(L-7) = 0$ $L = 7$
 (C) $21 + 9L - L^2 = 21 + 18L - 3L^2$ $L = \frac{9}{2}$

③

K	L	q	APL	APK	MPL	MPK
5	10	500	50	100	5	20

④

設 $A = x$ $B = y$

(A) $\begin{cases} 5x = 0 & (x \neq 0) \\ 10y = 0 & (y \neq 0) \\ 5x + 10y = 0 & (x \neq 0, y \neq 0) \end{cases}$

(B) 設麵包師傅 = x 烤箱 = y
 $2x + y = 0$