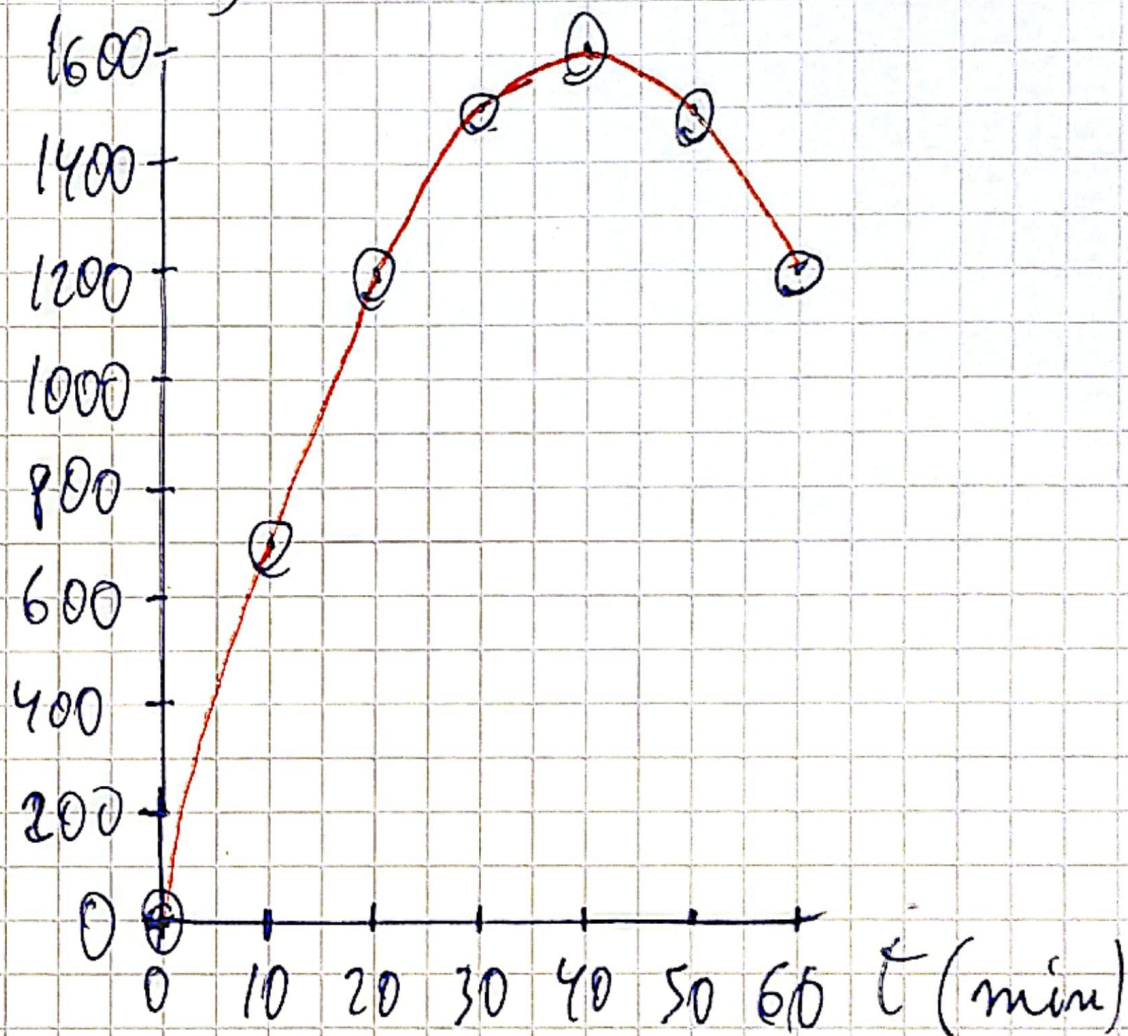


m) $T = 80t - t^2$ $T(^{\circ}\text{C})$

t (min) T ($^{\circ}\text{C}$)

0	0
10	700
20	1200
30	1500
40	1600
50	1500
60	1200



$$n) V(t) = t^2 - 40t + 450$$

t (min)	$V(t)$
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0	450
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5	275
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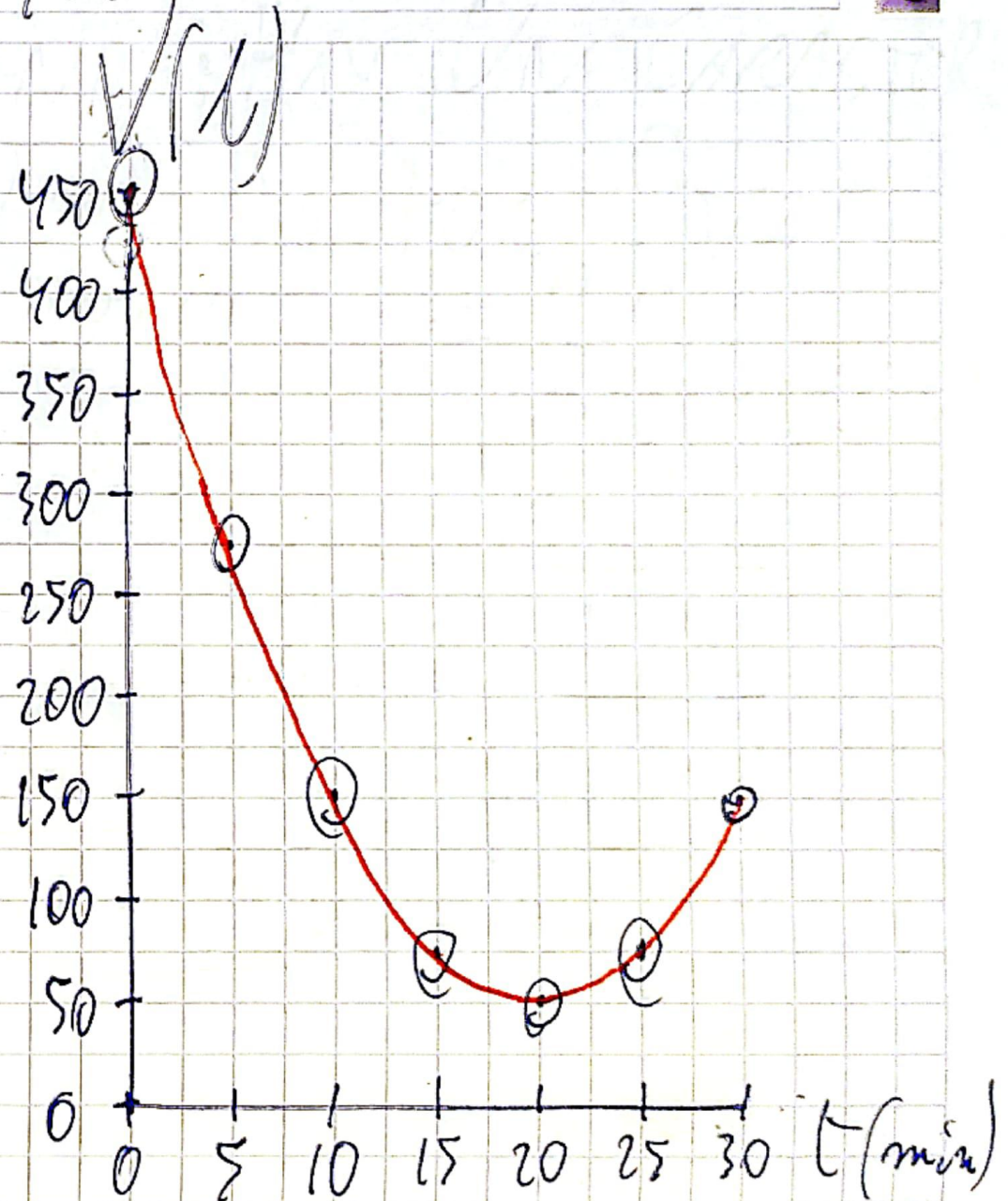
10	150
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15	75
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20	50
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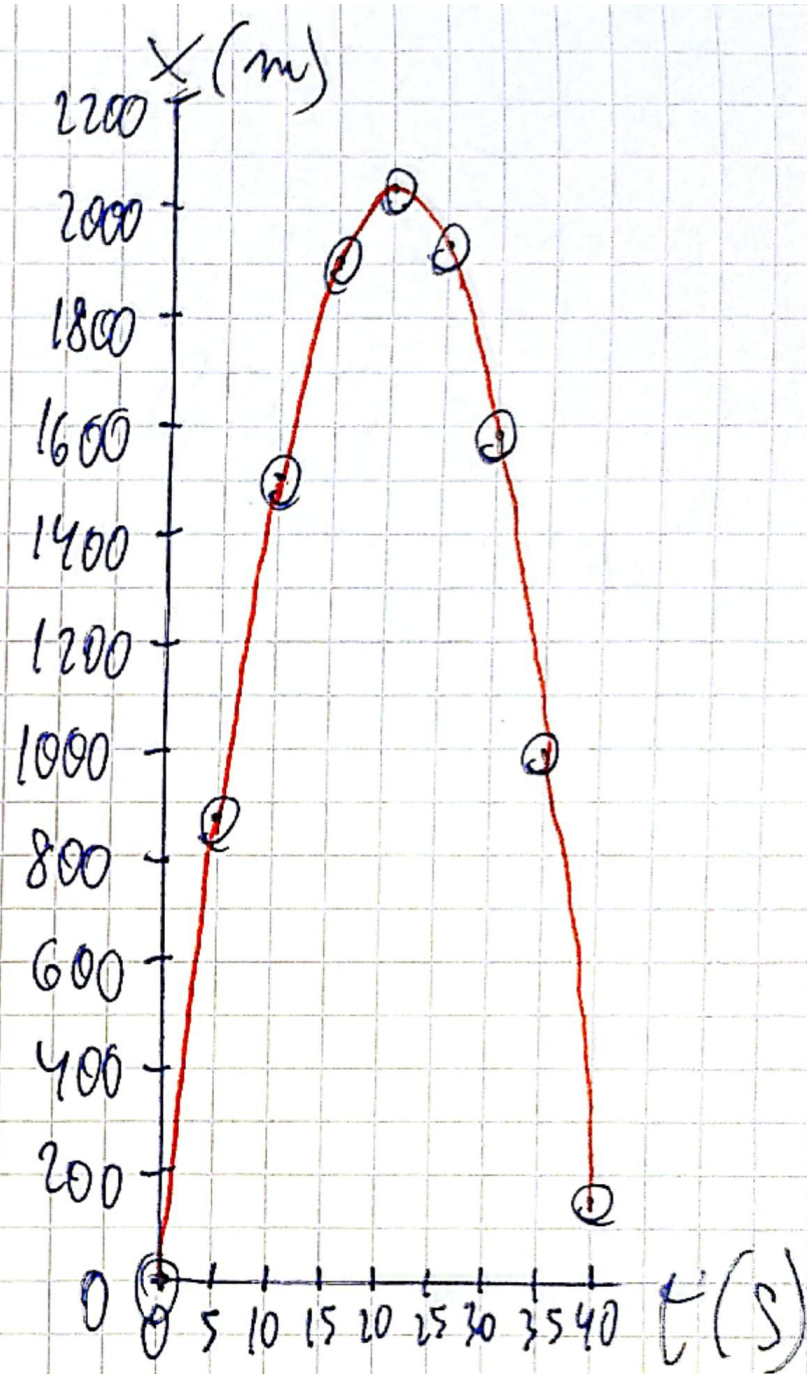
25	75
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30	150
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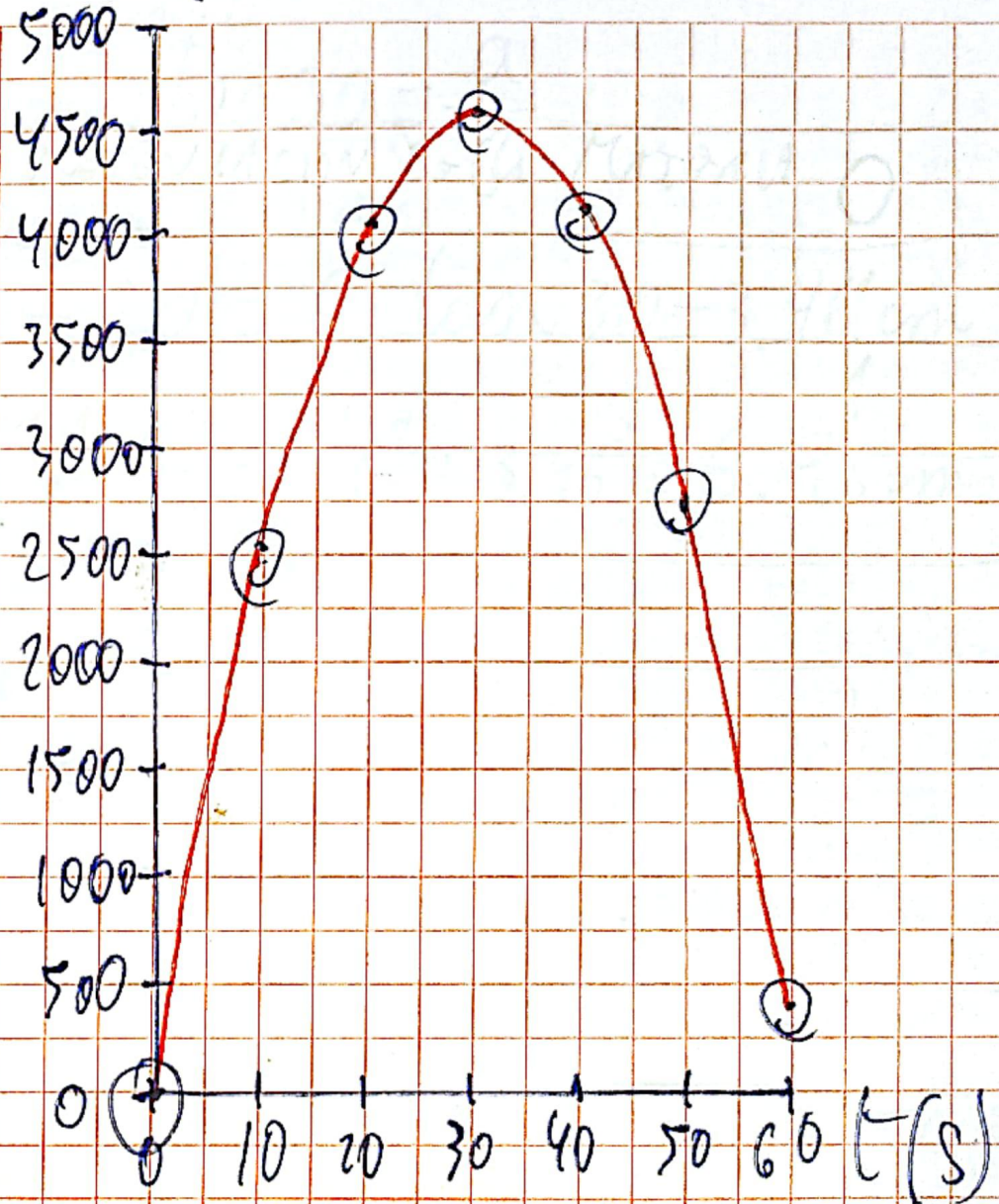
$$d) \quad x = 200t - 4.9t^2$$

t (min)	x (m)
0	0
5	877.5
10	1510
15	1897.5
20	2040
25	1937.5
30	1590
35	997.5
40	160



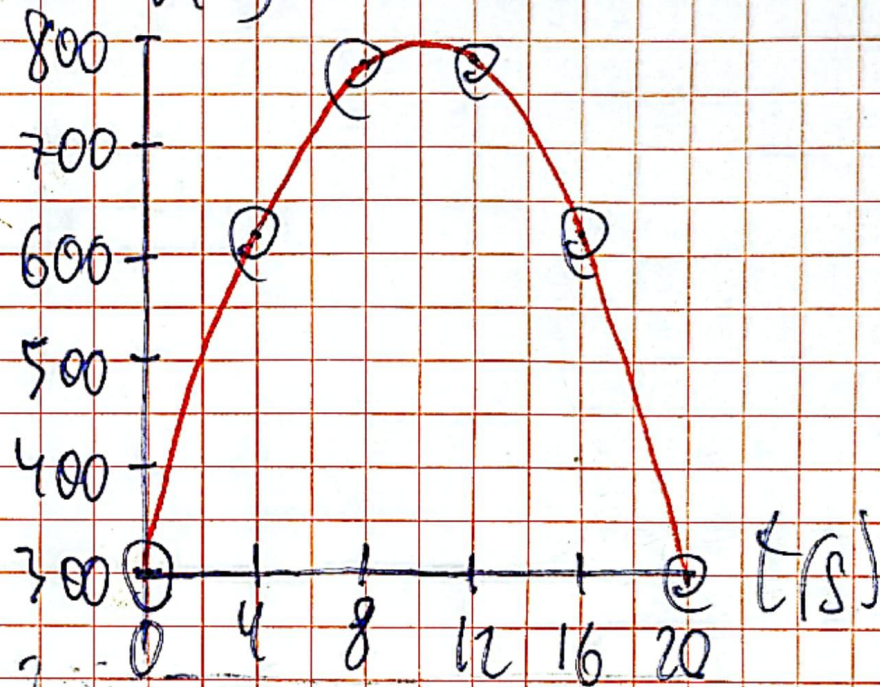
p) $x = 300t - 4.9t^2$ x(m)

t(s)	x(m)
0	0
10	2510
20	4040
30	4590
40	4160
50	2750
60	360



q) $V = 300 + 100t - 5t^2$

t (s)	V (L)
0	300
4	620
8	780
12	780
16	620
20	300



$$r) \quad x = 10 + 100t - 4.9t^2$$

