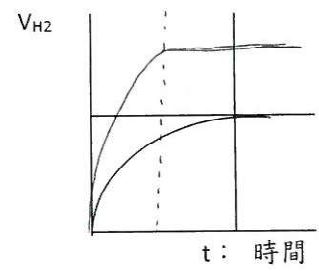


格號	作答區	格號	作答區
(1)	$2Al(s) + 6HCl \rightarrow 2AlCl_3 + 3H_2$	(2)	排水集氣法
(3)	$2 = 5$	(4)	50
(5)	55.6	(6)	1.8×10^{-7}
(7)	3.6×10^{-13}	(8)	5×10^{-6}
(9)	2×10^{-9}	(10)	5.3
(11)	A = 28 B = 12	(12)	31
(13)	80.6	(14)	150
(15)	22	(16)	0.12
(17)	0.04	(18)	4.1
(19)	1.25×10^{-12}	(20)	CH ₂ O
(21)	C ₂ H ₄ O ₂	(22)	$\begin{array}{c} \text{H} & \text{O} & \text{H} & \text{O} & \text{H} & \text{O} \\ & & & & & \\ \text{H}-\text{C}-\text{C}-\text{H} & ; & \text{H}-\text{C}-\text{O}-\text{C}-\text{H} & ; & \text{H}-\text{C}-\text{C}-\text{H} \\ & & & & \\ \text{H} & & \text{H} & & \text{H} \end{array}$
(23)	$3Cu + 2NO_3^- + 8H^+ \rightarrow 3Cu^{2+} + 2NO + 4H_2O$	(24)	$\frac{8}{3}$
(25)	$\frac{1}{4}$	(26)	23.2
(27)	$2C_8H_{18} + 25O_2 \rightarrow 16CO_2 + 18H_2O$	(28)	15
(29)	$C_4H_{10}(g) + 2O_2(g) \rightarrow CO_2(g) + 2H_2O(l) \quad \Delta H = -891 \text{ kJ}$	(30)	甲烷
(31)	天然氣	(32)	漸增
(33)	$\frac{9}{5}$	(34)	乙
(35)	$2NaHCO_3(s) \rightarrow Na_2CO_3(s) + H_2O(l) + CO_2(g)$	(36)	3:2
(37)	62	(38)	21.8
(39)	圖為鋁和稀鹽酸的速率，請畫出 Al 和稀鹽酸的速率 	(40)	圖為鎳和稀鹽酸的速率，請畫出 Ni 和稀鹽酸的速率 