

1.

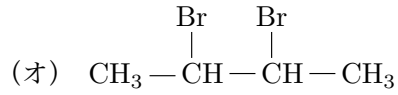
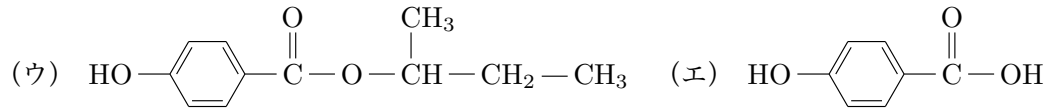
- (1) (i) (ア) +7 (イ)  $\text{ClO}^-$   
 (ii) (ウ)  $1.00 \times 10^{-8}$  (エ)  $1.41 \times 10^{-5}$  (オ)  $4.00 \times 10^{-12} \text{ mol}^3/\text{L}^3$   
 (カ)  $5.00 \times 10^{-2}$
- (2) (i) (キ)  $\text{Cu}_2\text{S}$   
 (ii) (ク)  $4.25 \times 10^5$  (ケ) 20.7 ( $2.07 \times 10$ ) (コ) Fe  
 (サ) 5.6

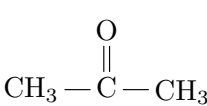
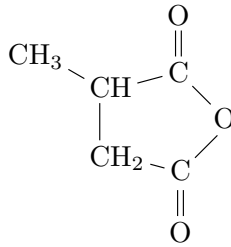
2.

- (1) (ア)  $\frac{10a_s d_s V_s}{M_s(V_w + V_s)}$  (イ)  $\frac{a_s d_s V_s}{d_w V_w + d_s V_s}$  (ウ)  $\frac{(2C_A V_A - C_B V_B)RT}{P}$
- (2) (エ)  $-208 (-2.08 \times 10^2)$  (オ)  $3.00 \times 10^5$   
 (カ) 33.6 ( $3.36 \times 10$ ) (キ) b (ク) c
- (3) (ケ)  $5.00 \times 10^3$  (コ) 7.20 (サ)  $0.828 (8.28 \times 10^{-1})$

3.

(1) (ア)  $C_{11}H_{14}O_3$  (イ) アセチルサリチル酸



(2) (カ)  (キ)  (ク) 142 ( $1.42 \times 10^2$ )

(3) (ケ) アミロース (コ) 包接 (サ) 7.68

