

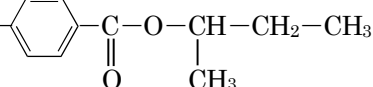
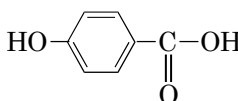
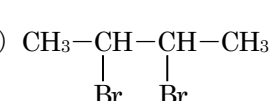
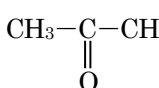
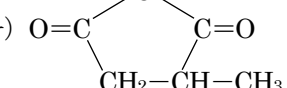
1.

(1) (ア) +7 (イ) ClO^- (ウ) 1.00×10^{-8} (エ) 1.41×10^{-5} (オ) $4.00 \times 10^{-12} (\text{mol/L})^3$ (カ) 5.00×10^{-2} (2) (キ) Cu_2S (ク) 4.25×10^5 (ケ) 20.7 (コ) Fe (サ) 5.6

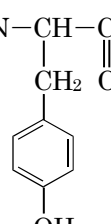
2.

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

3.

(1) (ア) $\text{C}_{11}\text{H}_{14}\text{O}_3$ (イ) アセチルサリチル酸 (ウ) (エ)  (オ) (2) (カ)  (キ)  (ク) 142

(3) (ケ) アミロース (コ) 包接 または 包摂 (サ) 7.68

(4) (シ)  (ス) 341