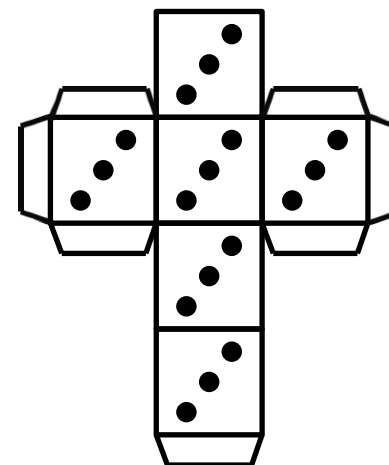
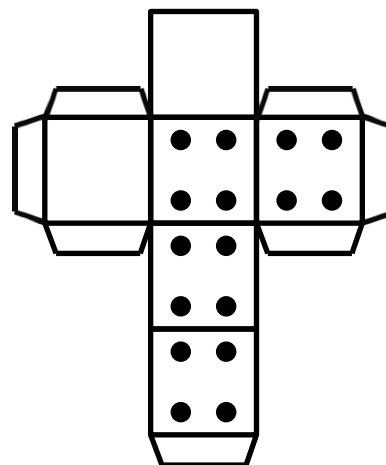
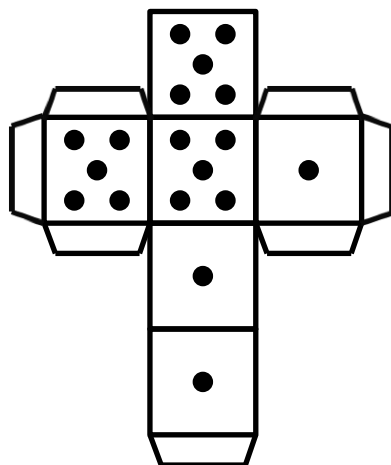
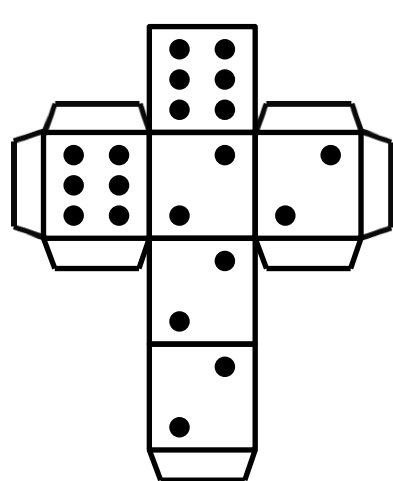
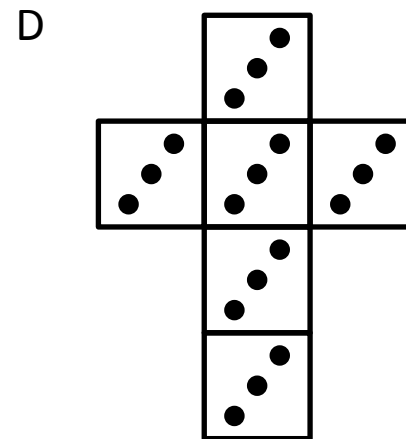
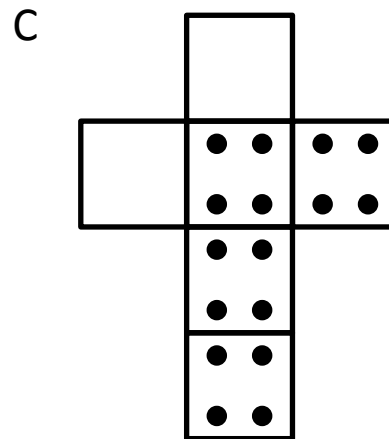
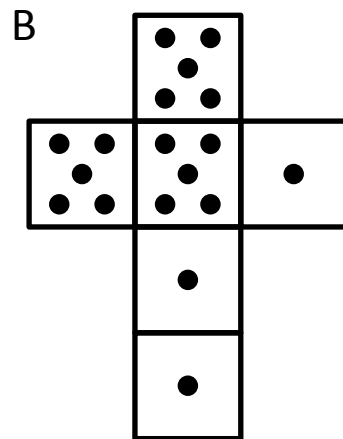
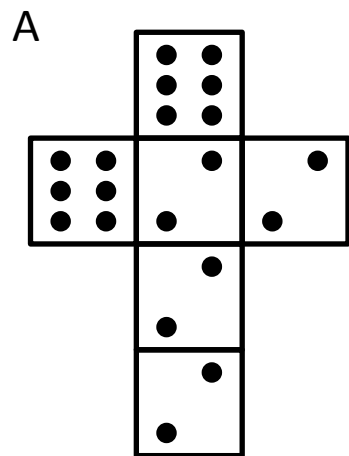


# エフロンのサイコロ 展開図



$$P(A > \text{赤字}) = P(B > \text{赤字}) = P(C > \text{赤字}) = P(D > \text{赤字}) = 2/3$$

(赤字 : 先に振ったサイコロ)

- $$P(A > \text{赤字}) = P(A=6 | B=5) + P(A=6 | B=1) + P(A=2 | B=1)$$

$$= 1/2 * 1/3 + 1/2 * 1/3 + 1/2 * 2/3$$

$$= 1/6 + 1/6 + 2/6 = 4/6 = 2/3$$
- $$P(B > \text{赤字}) = P(B=5 | C=4) + P(B=5 | C=0) + P(B=1 | C=0)$$

$$= 2/3 * 1/2 + 1/3 * 1/2 + 1/3 * 1/2$$

$$= 1/3 + 1/6 + 1/6 = 2/3$$
- $$P(C > \text{赤字}) = P(C=4 | D=3)$$

$$= 2/3 * 1 = 2/3$$
- $$P(D > \text{赤字}) = P(D=3 | A=2)$$

$$= 2/3 * 1 = 2/3$$