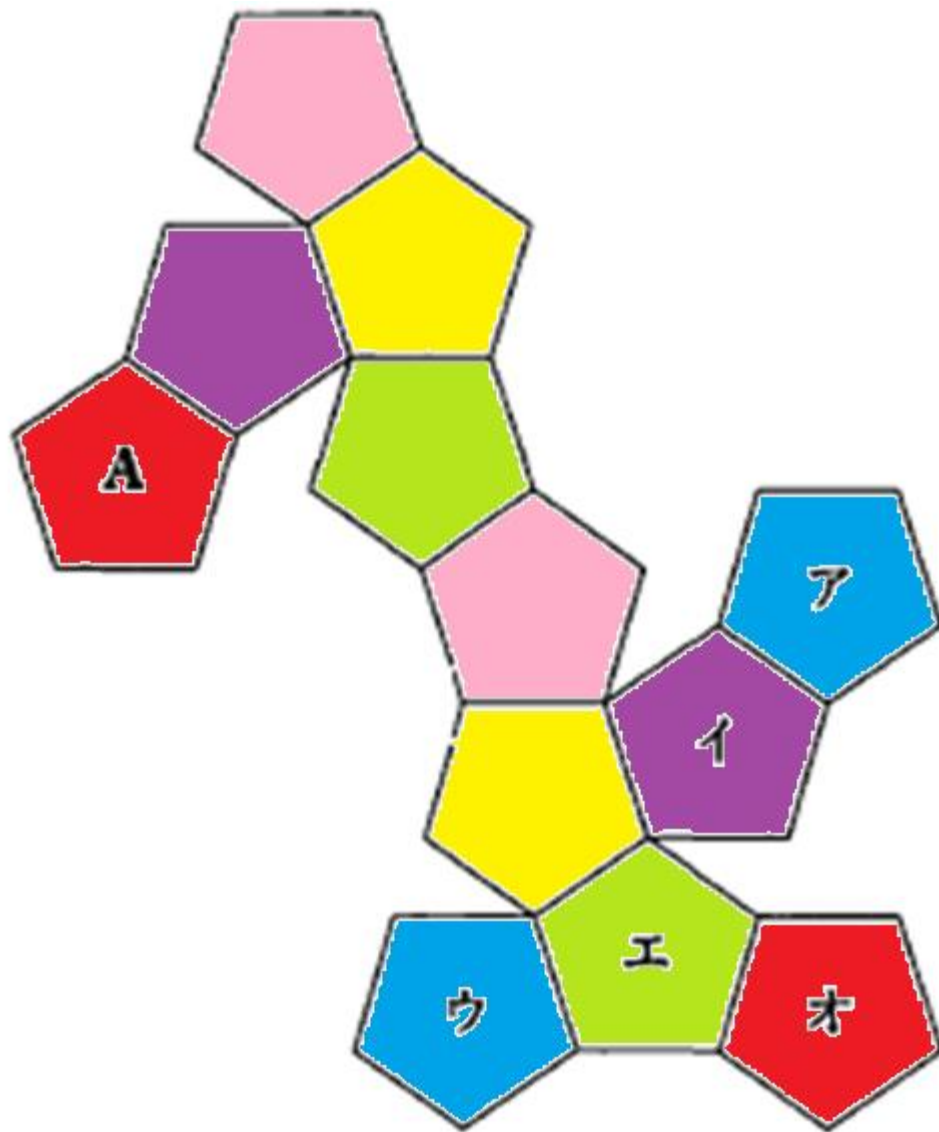
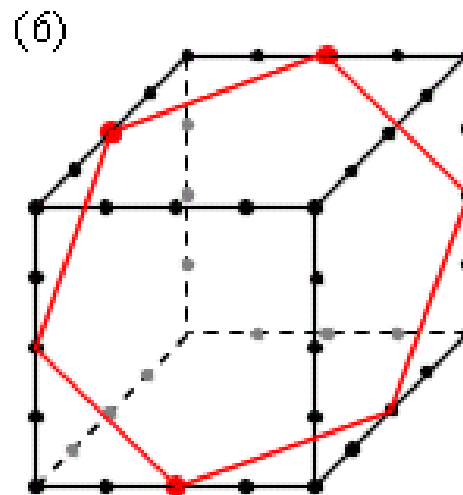
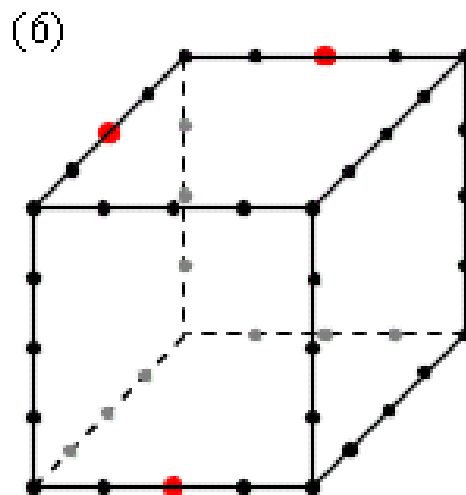


# H9 3

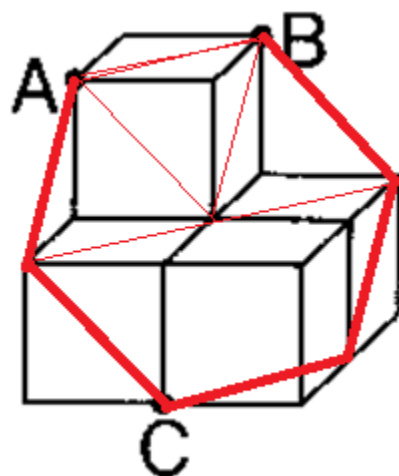
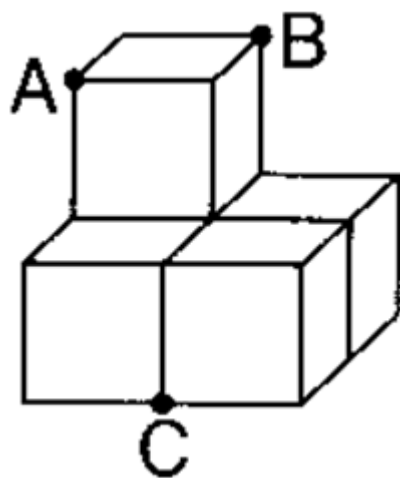


H9 8

81%

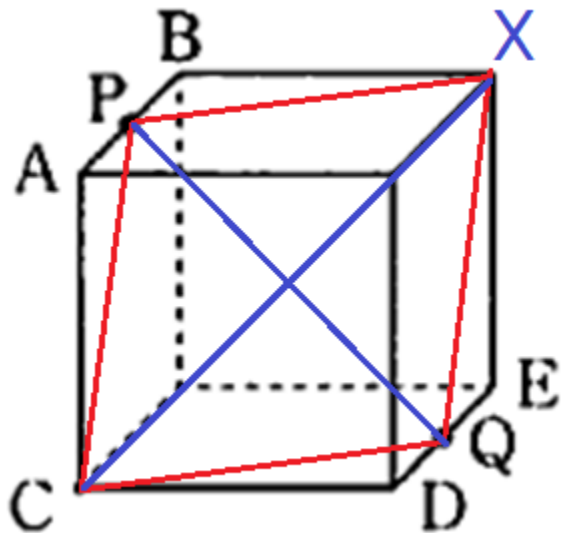


( 正六角形 )



# H9 7

$$\begin{aligned} \text{菱形の面積} &= \text{対角線} \times \text{対角線} \div 2 \\ &= PQ \times CX \div 2 \end{aligned}$$



1辺の長さに対し

$$PQ = \sqrt{2}, \quad CX = \sqrt{3}$$

1辺10cmでは

$$\begin{aligned} \text{面積} &= 10\sqrt{2} \times 10\sqrt{3} \div 2 \\ &= 50\sqrt{6} \end{aligned}$$

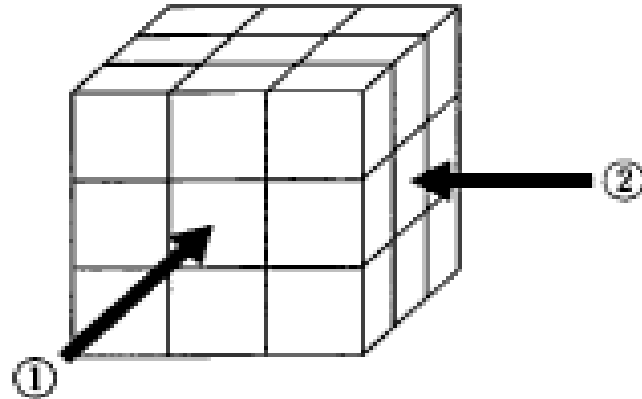


図1

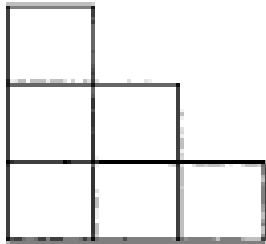
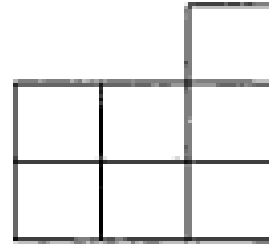


図2

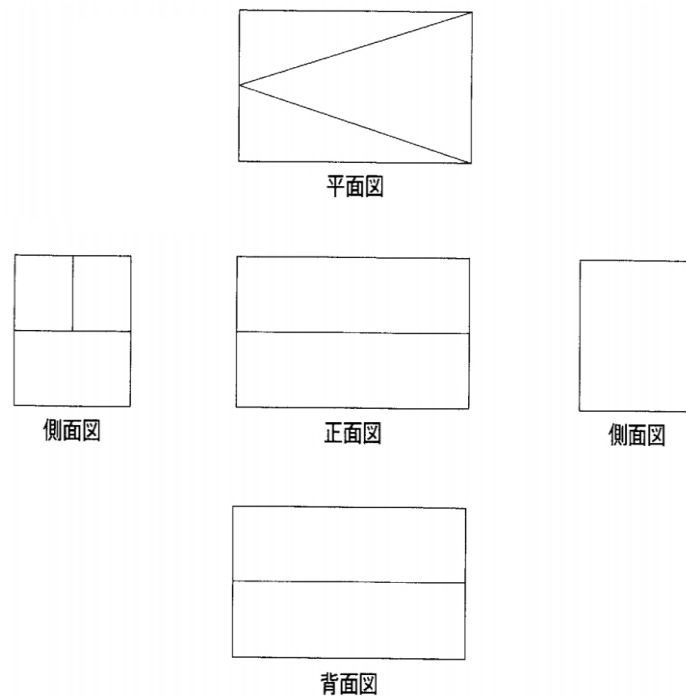
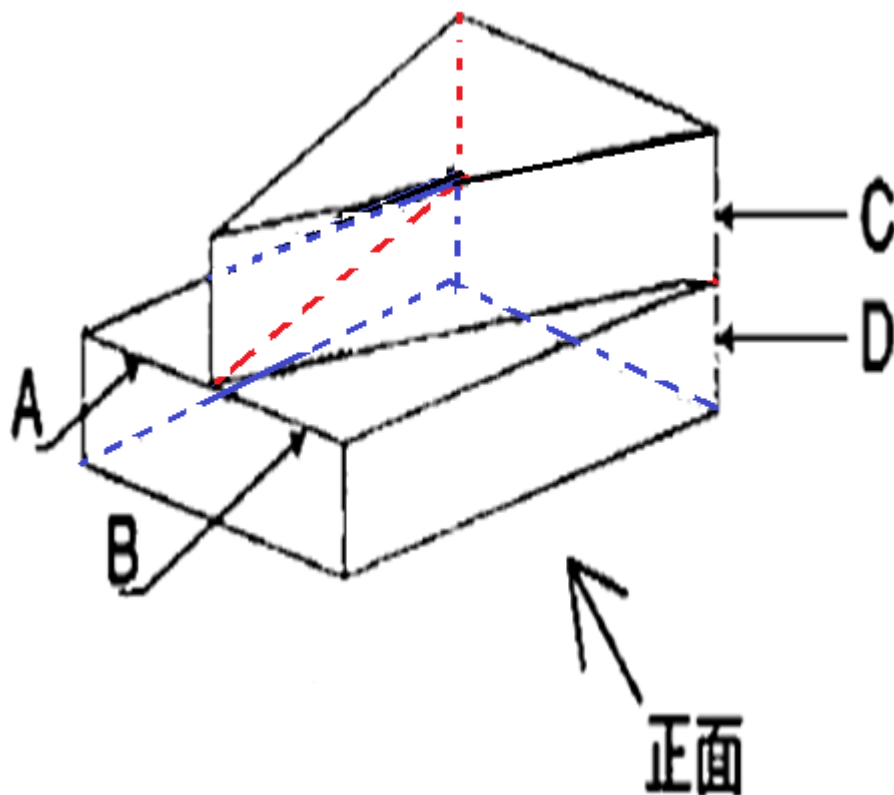


a		3
2	2	
1		

A: ①左奥, ②右奥3段で **3** 決まり  
 B: ①真ん中, ②真ん中2段で **2** 決まり  
 C: ①右1だが, ②左2なので, 2が優先  
 ただし, この2は **a** でも同じ

# H9 4

73%



三角柱の辺: 底面2, 側面3, 上面3 = 8

四角柱の辺: 底面4, 側面4, 上面4 = 12

合計 : 20