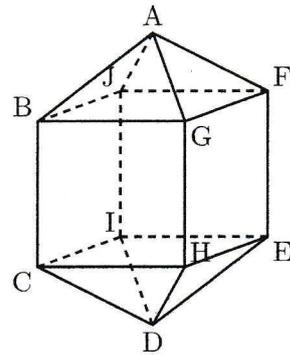
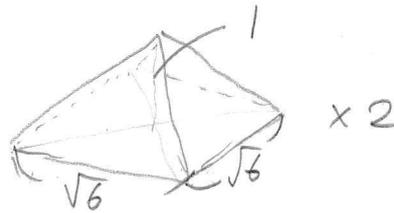
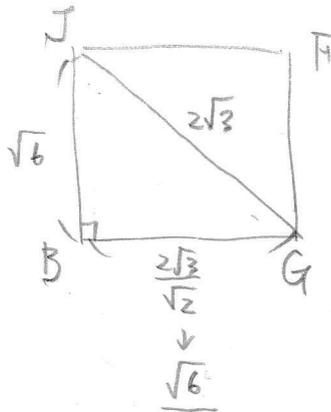
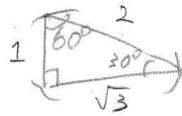
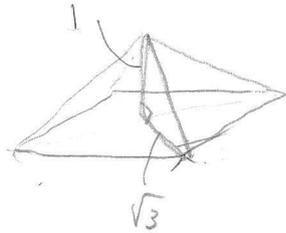


三才13

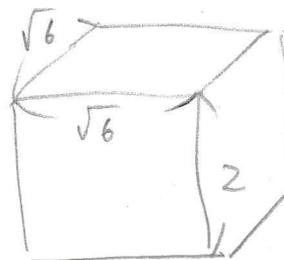
右の図のような立体があります。2つの正六角形 ABCDEF と AGHDIJ の1辺の長さがそれぞれ2cmで、四角形 BGFJ と CHEI がともに正方形のとき、この立体の体積を求めなさい。



[北海道改]



$$\sqrt{6} \times \sqrt{6} \times 1 \times \frac{1}{3} \times 2 = 4 \dots \textcircled{1}$$



$$\sqrt{6} \times \sqrt{6} \times 2 = 12 \dots \textcircled{2}$$

よて

求める体積は ①+②

$$4 + 12 = 16$$

$$\underline{16 \text{ cm}^3}$$