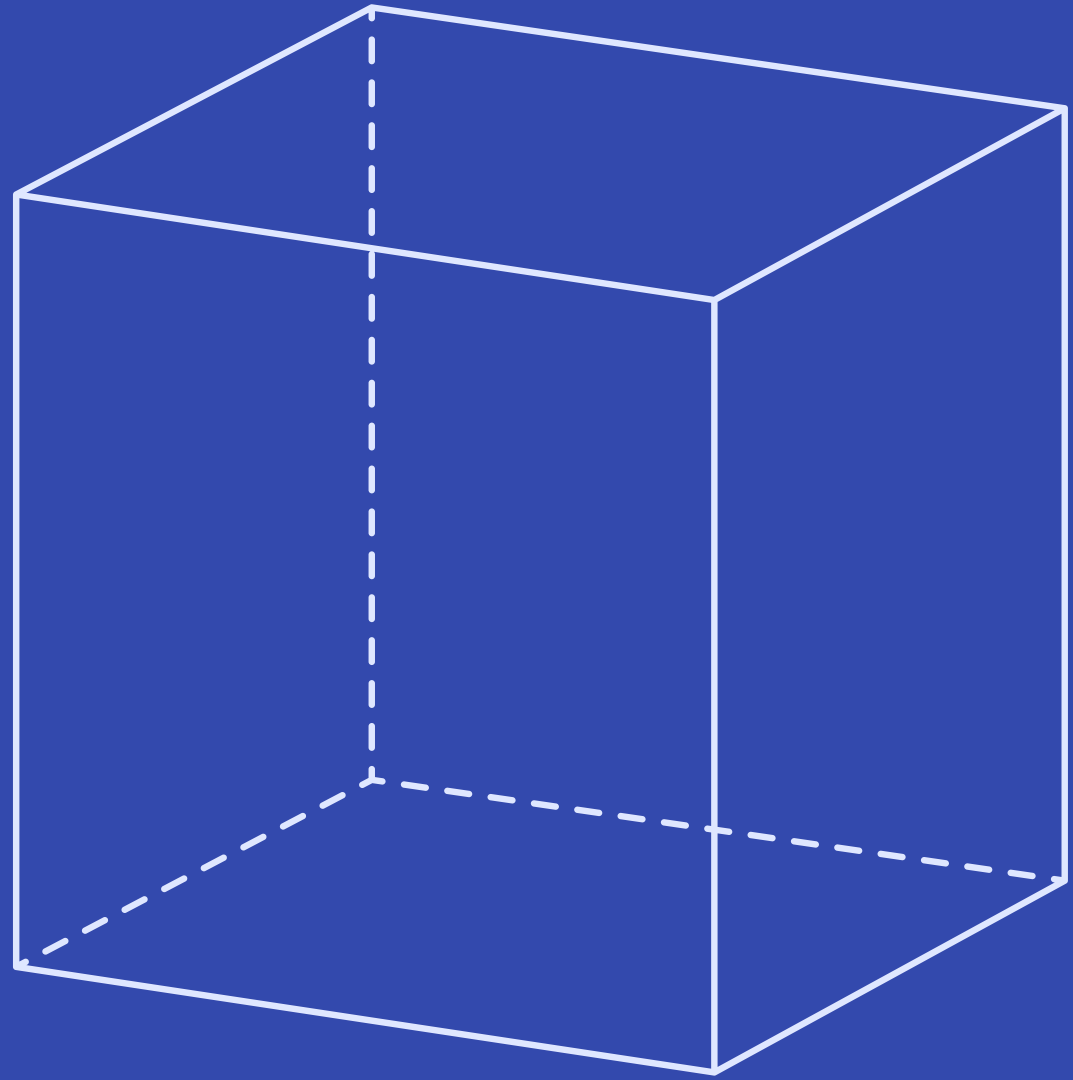




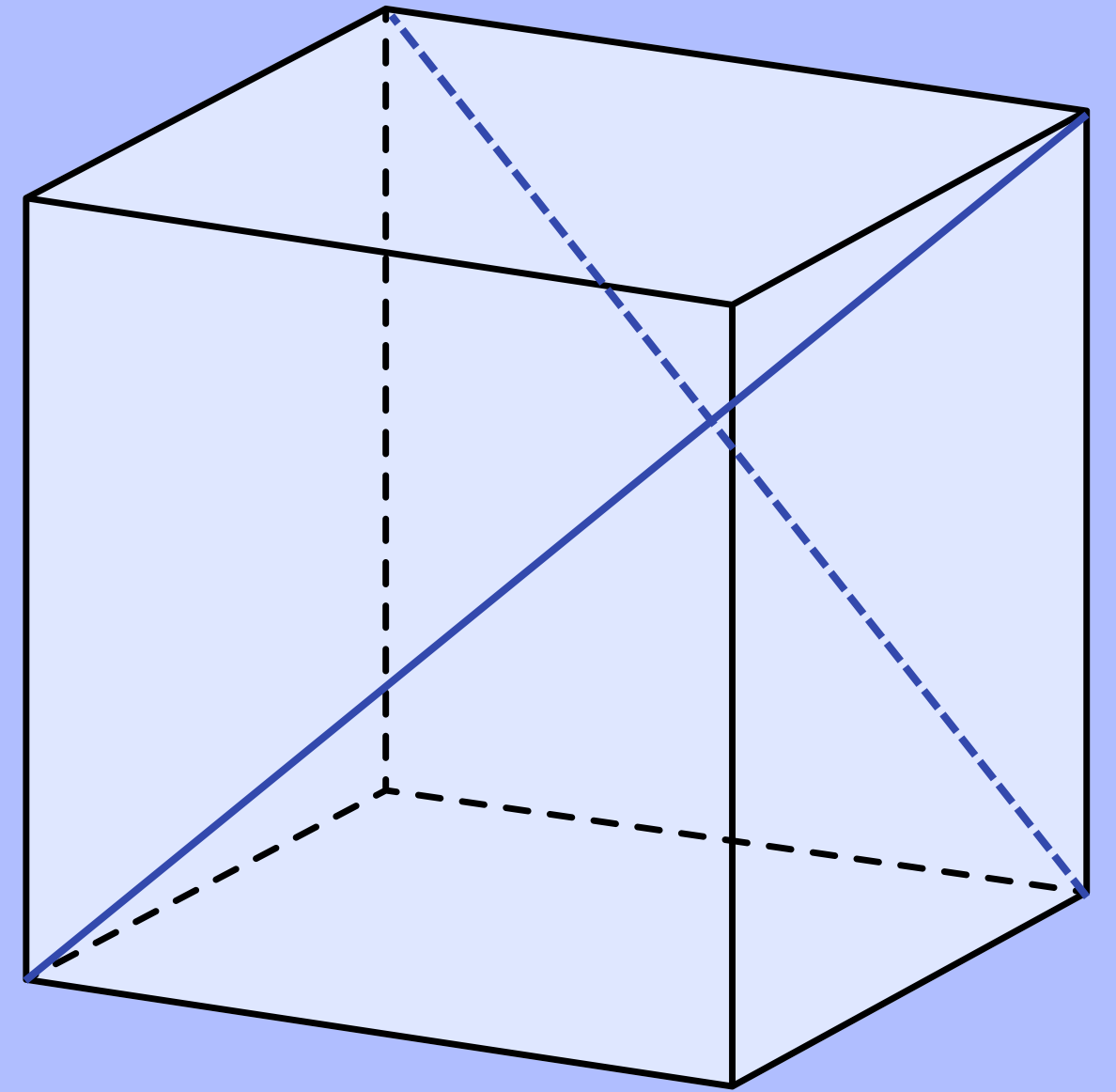
DIMENSI 3

BRYAN/6 OWEN/9 VEA/10
KAYLIN/25

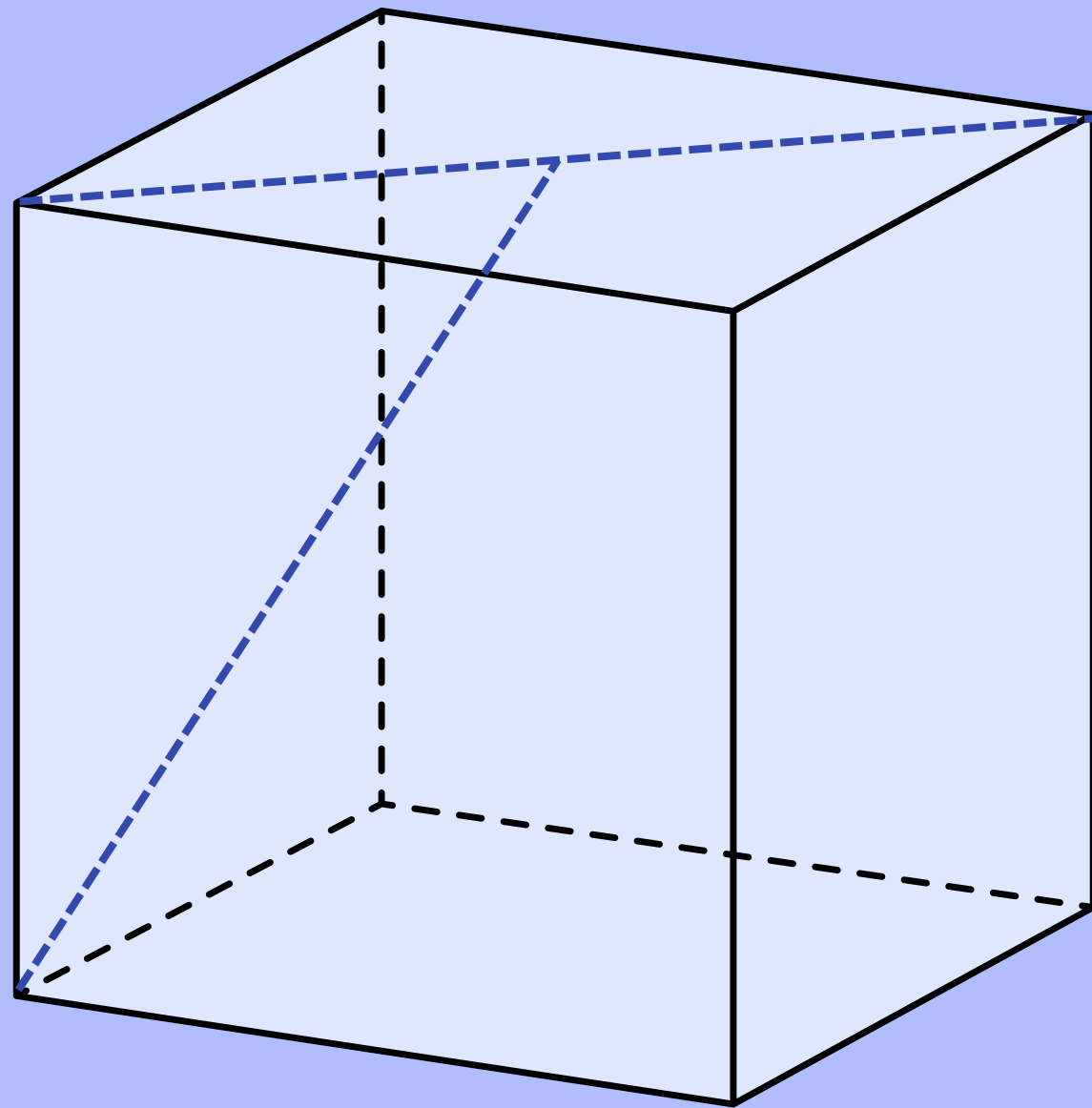
Q1. BUKTIKAN $AG \perp CH$

$CH \perp DG$ } $CH \perp BCHE$
 $CH \perp BC$ } $AG \text{ DI } BCHE$

$CH \perp AG$



Q2. JARAK A KE S6



A ke S6

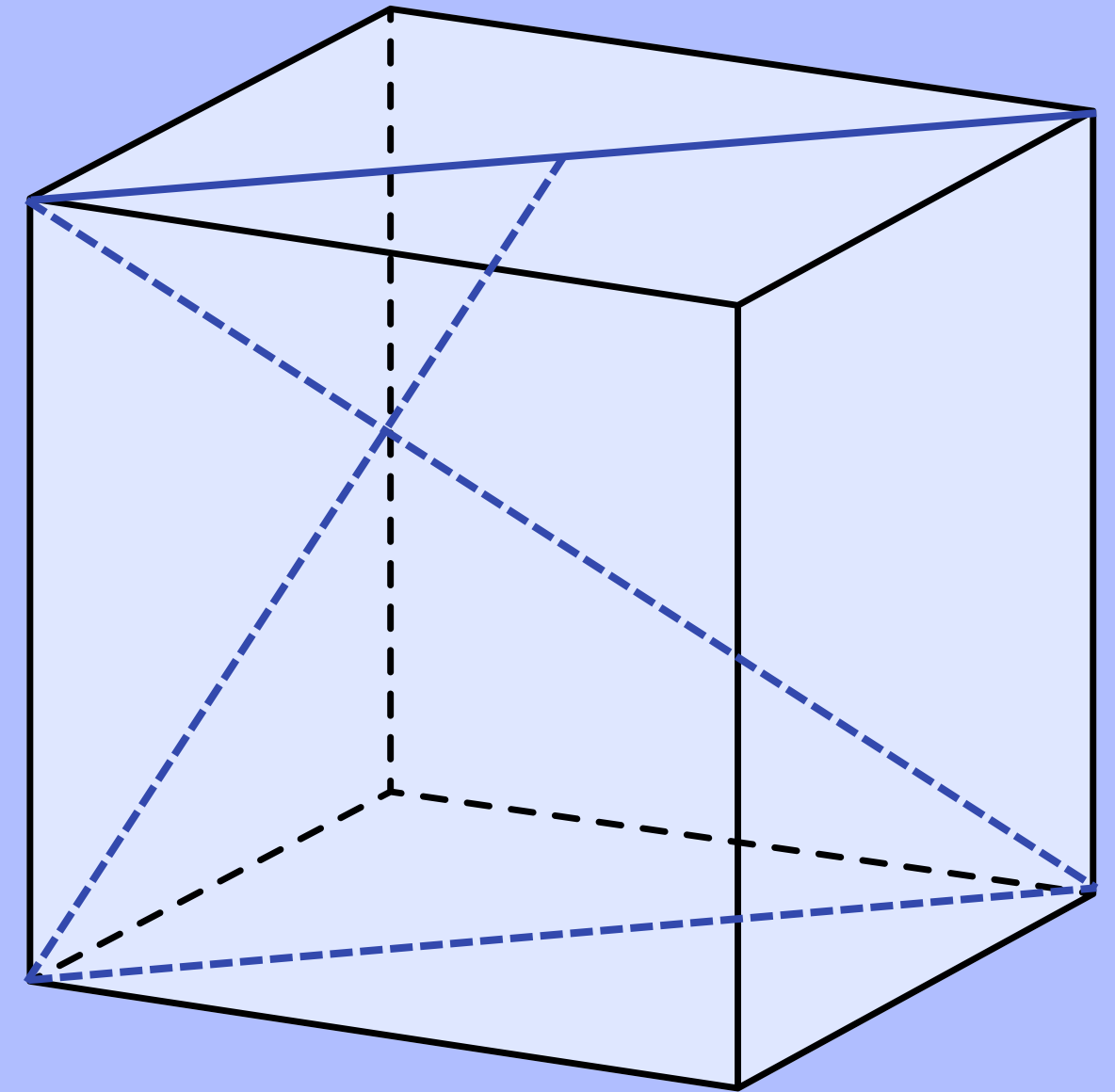
$$\begin{aligned} AS_6 &= \sqrt{AE^2 + ES_6^2} \\ &= \sqrt{a^2 + \left(\frac{1}{2}a\sqrt{2}\right)^2} \\ &= \frac{1}{2}a\sqrt{6} \end{aligned}$$

Q3. JARAK A KE CE

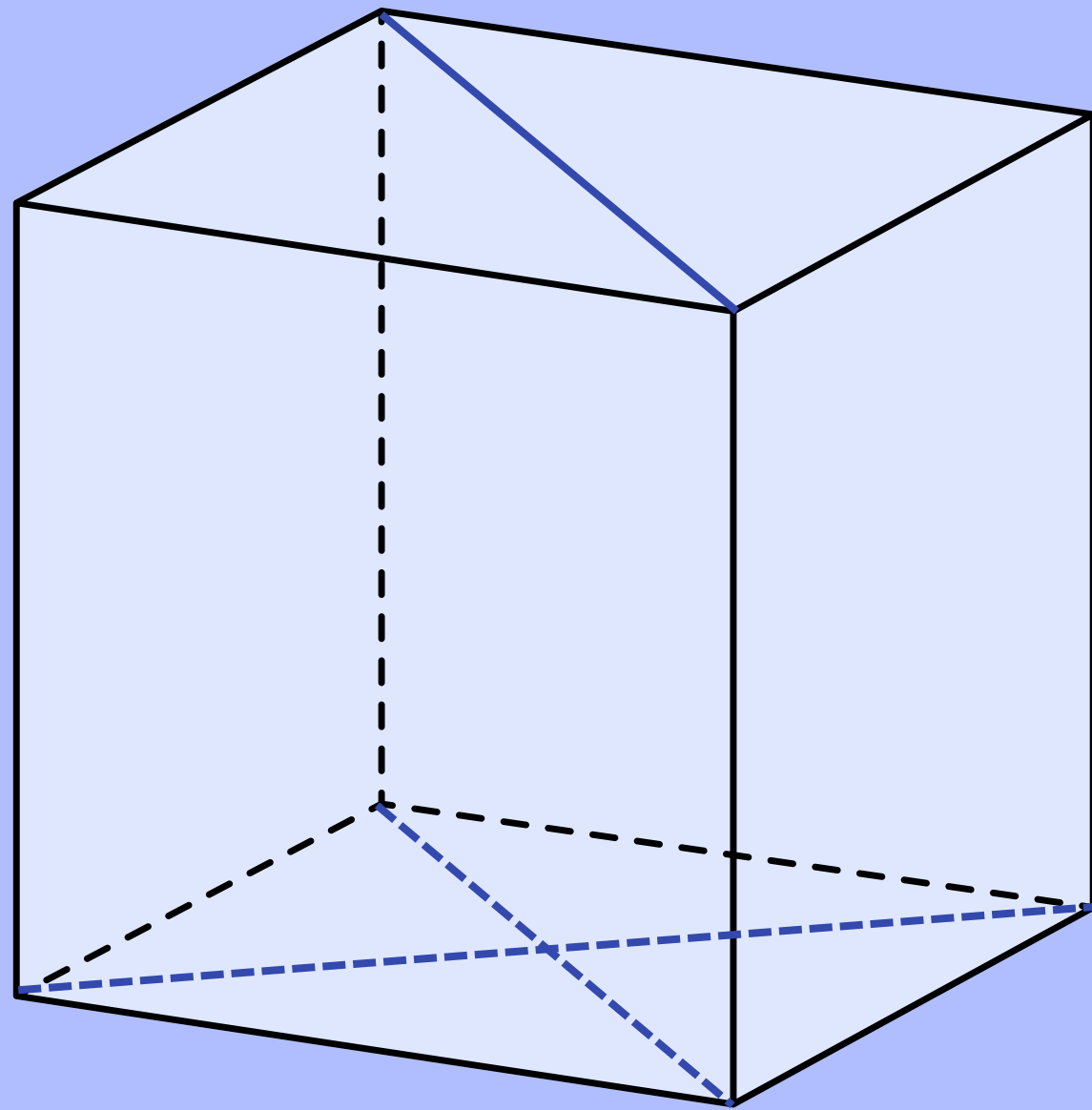
Bidang ACGE
 $CE \perp AS_6$



$$\begin{aligned} \text{Jarak A ke CE} &= AX \\ &= \frac{2}{3} AS_6 \\ &= \frac{2}{3} * \left(\frac{1}{2} \sqrt{6} \right) \\ &= \frac{1}{3} a\sqrt{6} \end{aligned}$$



Q4. JARAK TITIK A KE BIDANG BDHF



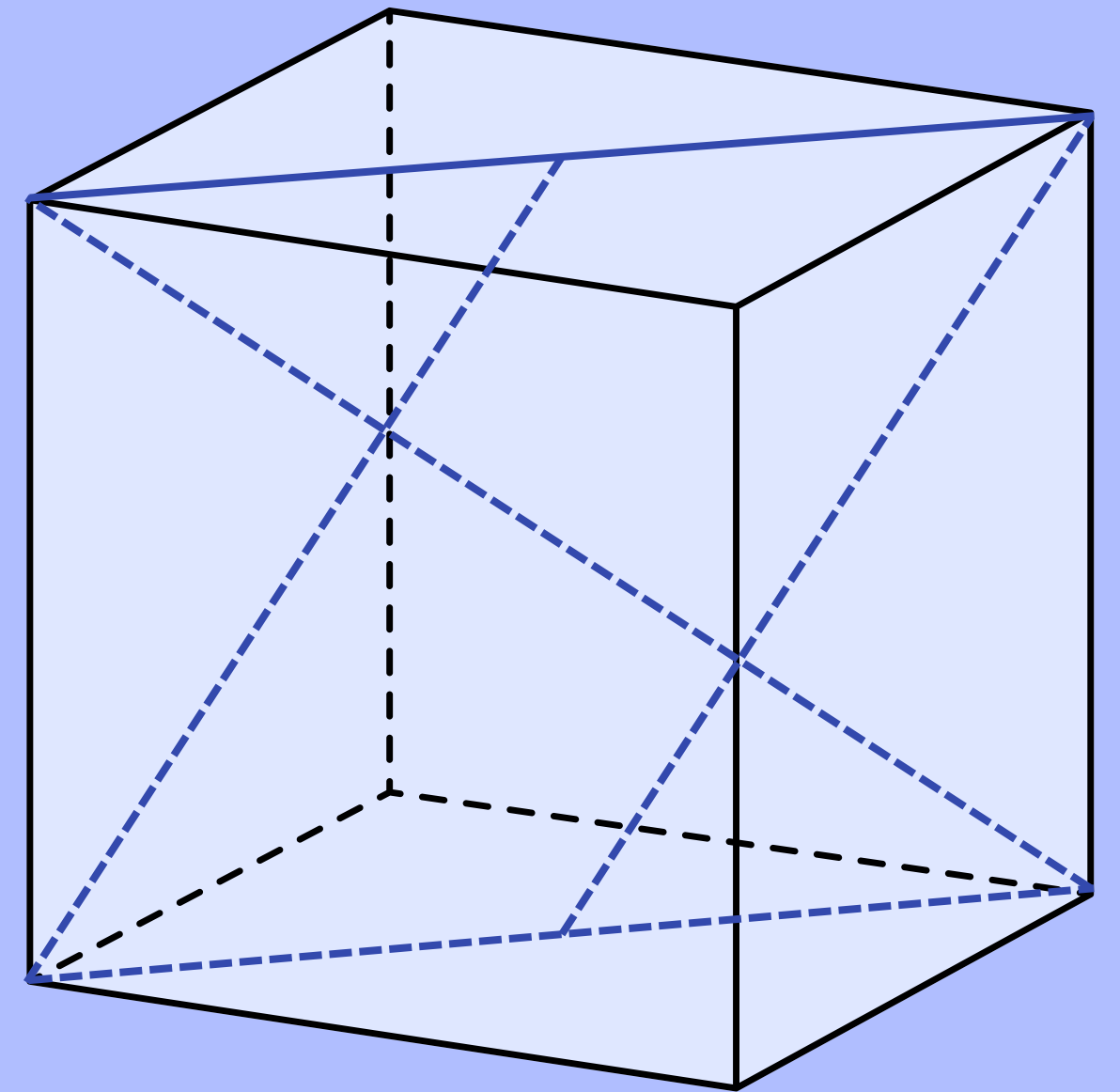
- 1) Cari garis tegak lurus bidang BDHF (AC)
- 2) AS1 adalah jaraknya

$$AS1 = \frac{1}{2} a \sqrt{2}$$

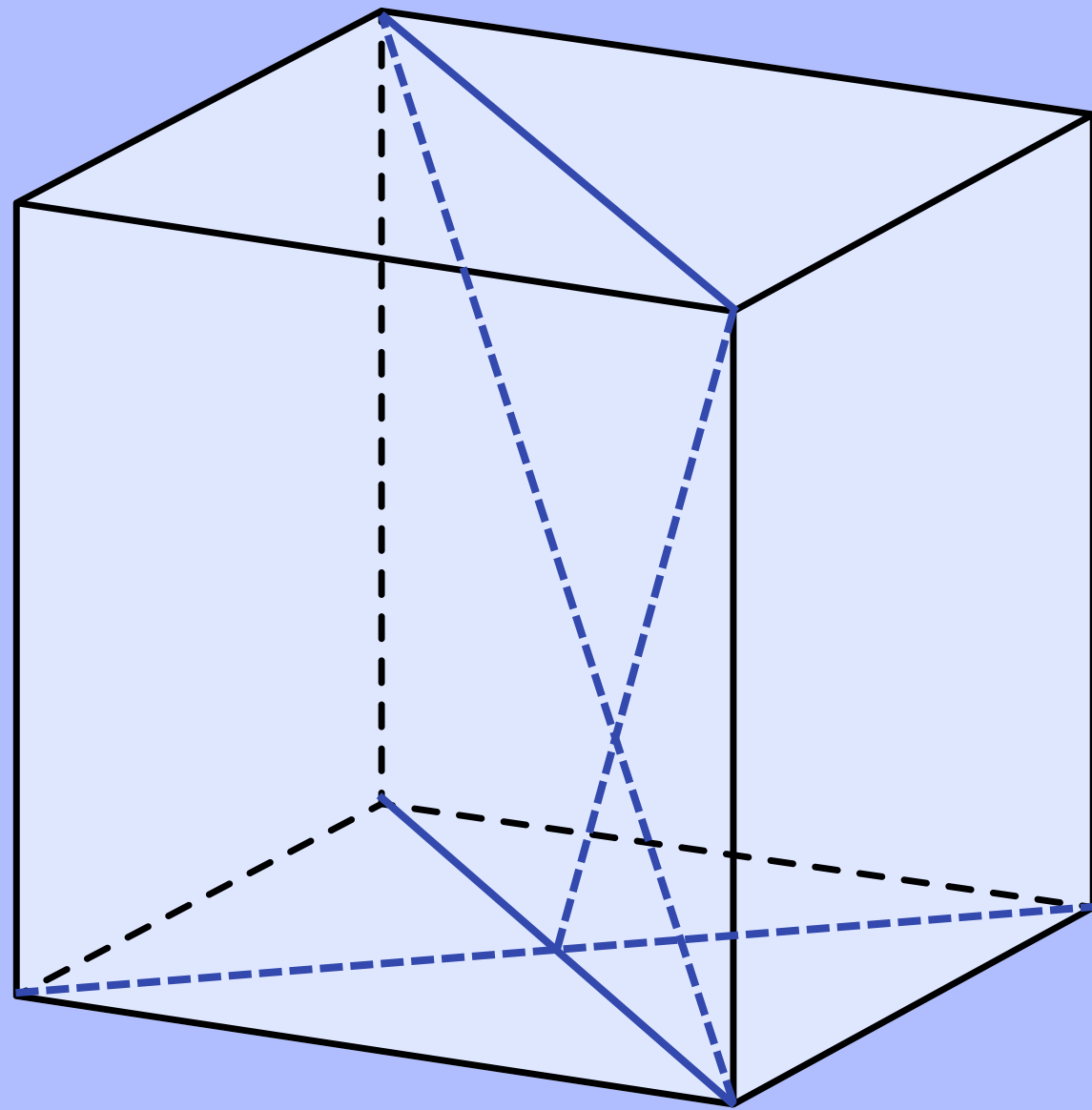
Q5. JARAK 2 GARIS SEJAJAR HITUNG JARAK ..

- 1) Cari garis tegak lurus, garis sejajar
- 2) Jarak terlihat (xy)

$$xy = \frac{1}{2} a\sqrt{3}$$



Q6. JARAK AC KE BH

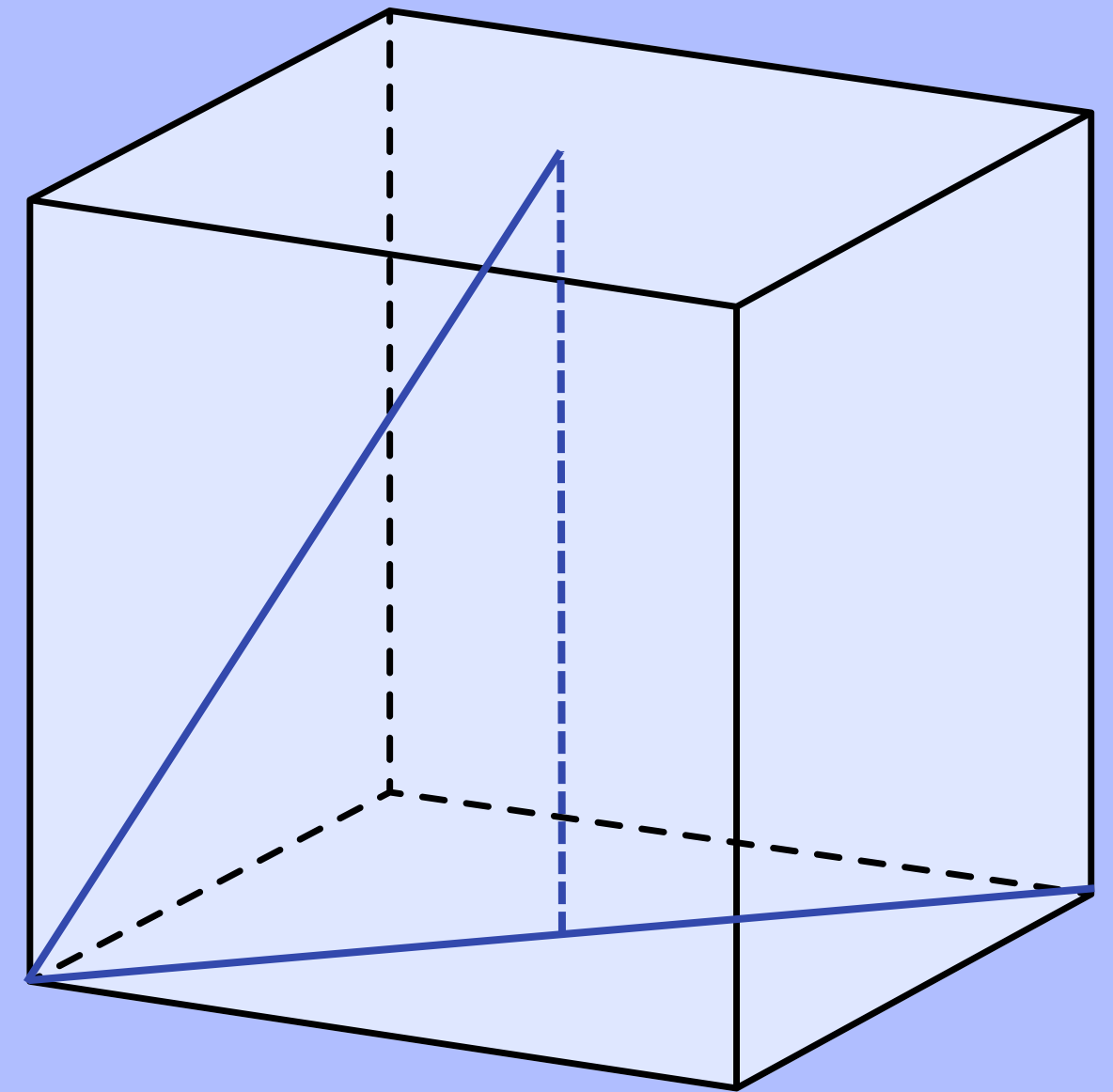


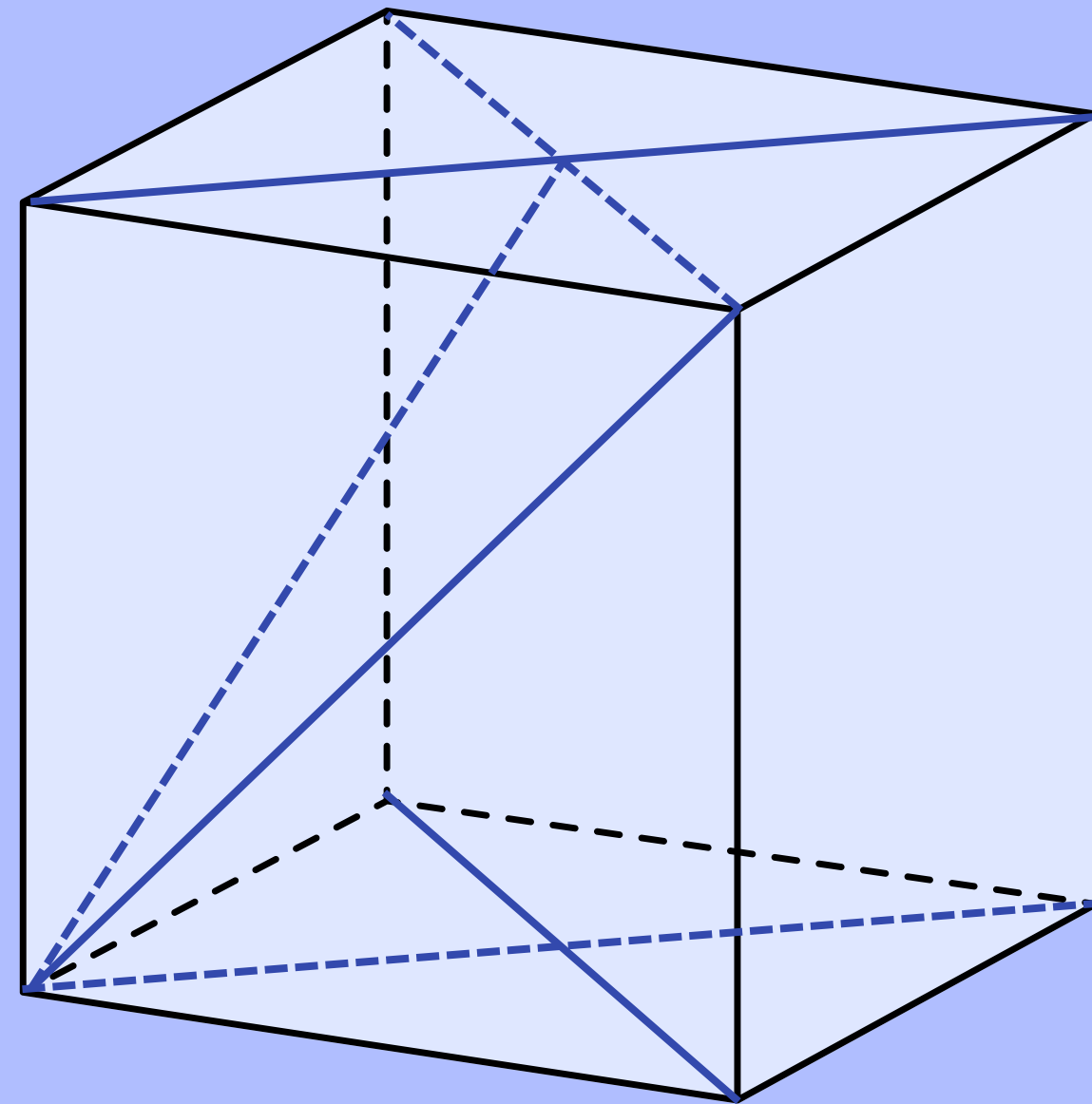
$$\begin{aligned} S_1X &= \frac{1}{3} * \frac{1}{2} a \sqrt{6} \\ &= \frac{1}{6} a \sqrt{6} \end{aligned}$$

Q7. PROYEKSI AS6 KE AC

Cari A' dan $S6'$ dengan memakai garis yg tegak lurus AC (AE dan $S1S6$)

$$A'S6' = \frac{1}{2} a\sqrt{2}$$





Q8. GARIS KE BIDANG PROYEKSI AF KE ACGE

- 1) Cari garis tegak lurus bidang ACGE (BD dan FH)
- 2) A sudah di bidang, $A \rightarrow A'$

$$F' \text{ di } S_6 \rightarrow A'F' = \frac{1}{2} a\sqrt{6}$$

ANSWERS

