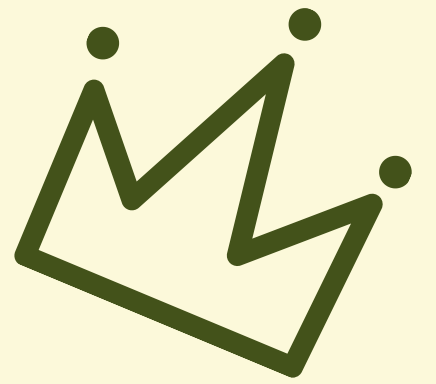
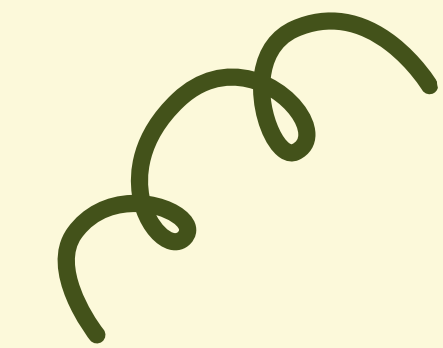




Ayo Menggambar

DIMENSI TIGA



KELOMPOK KITA

Hansen Wonokusuma/XII MIPA 4/15

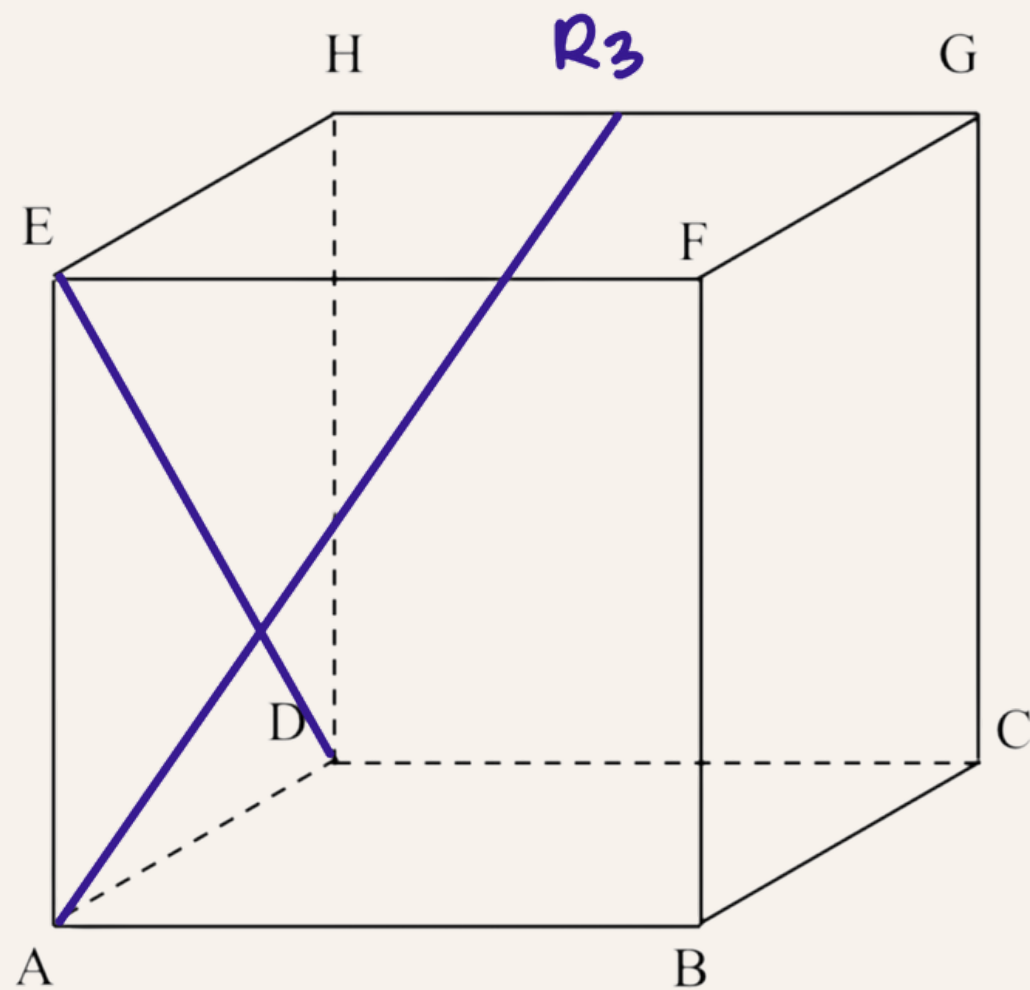
Irene Wijono/XII MIPA 4/18

Stefani Kusuma/XII MIPA 4/32

Theola Kiara Orso/XII MIPA R/33

KETEGAKLURUSAN DUA GARIS

GAMBAR



Cara Kerja

$$DE \perp AR_3$$

$$DE \perp AH$$

$$DE \perp AB$$

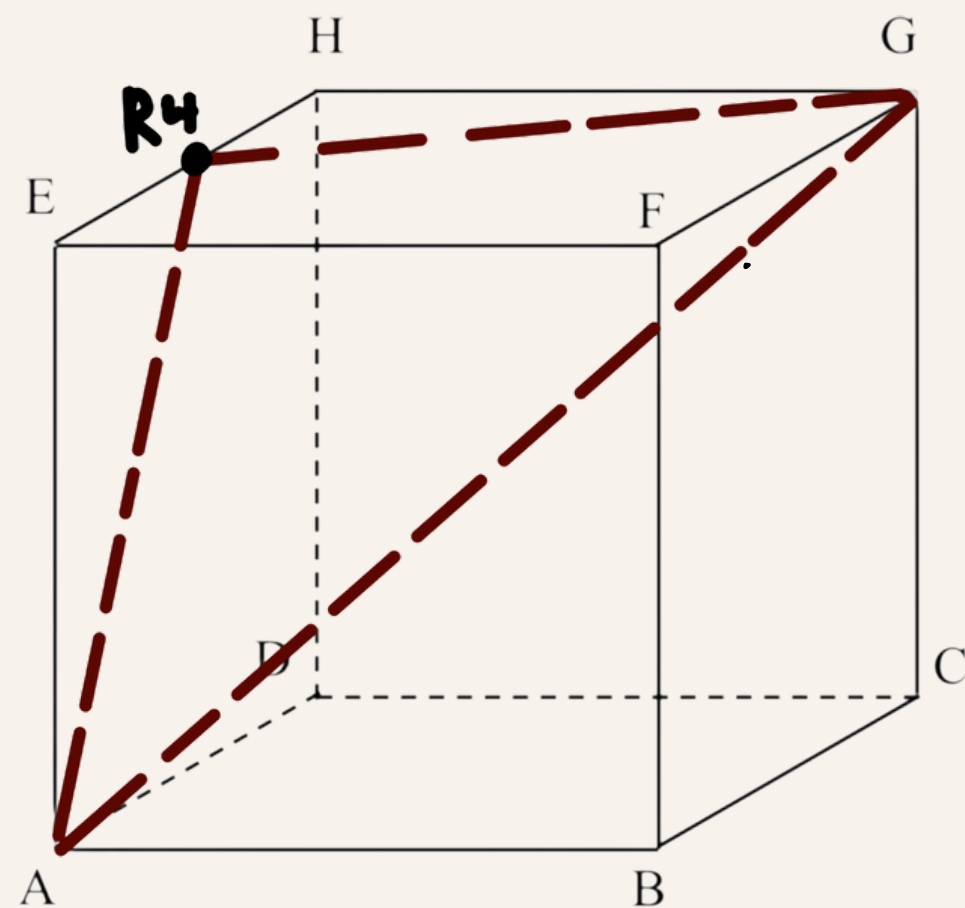
$$DE \perp ABGH$$

$$AR_3 \text{ di } ABGH$$

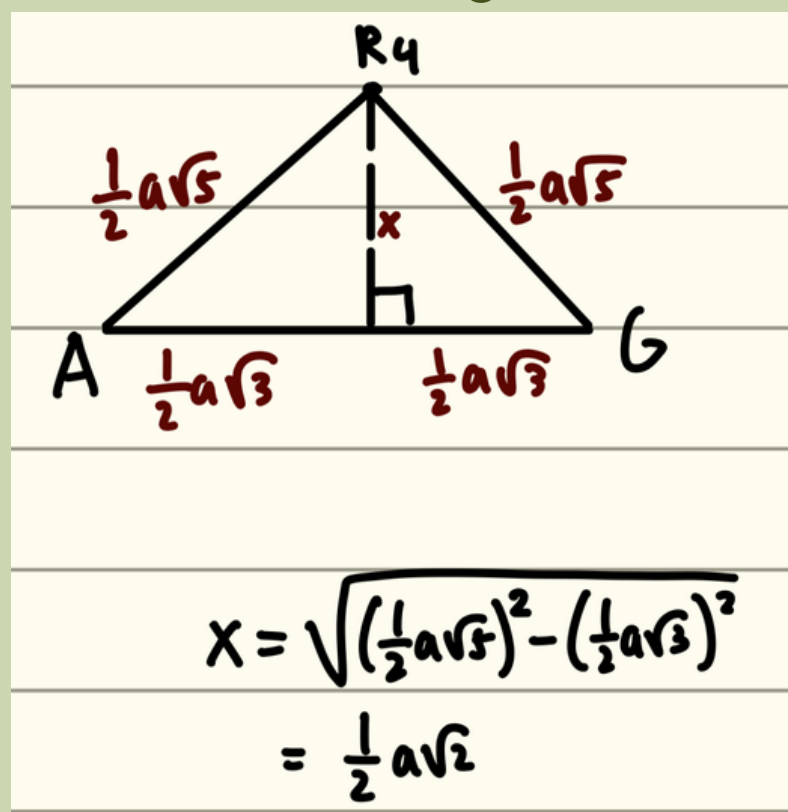
$$\therefore DE \perp AR_3$$

JARAK TITIK KE GARIS

GAMBAR

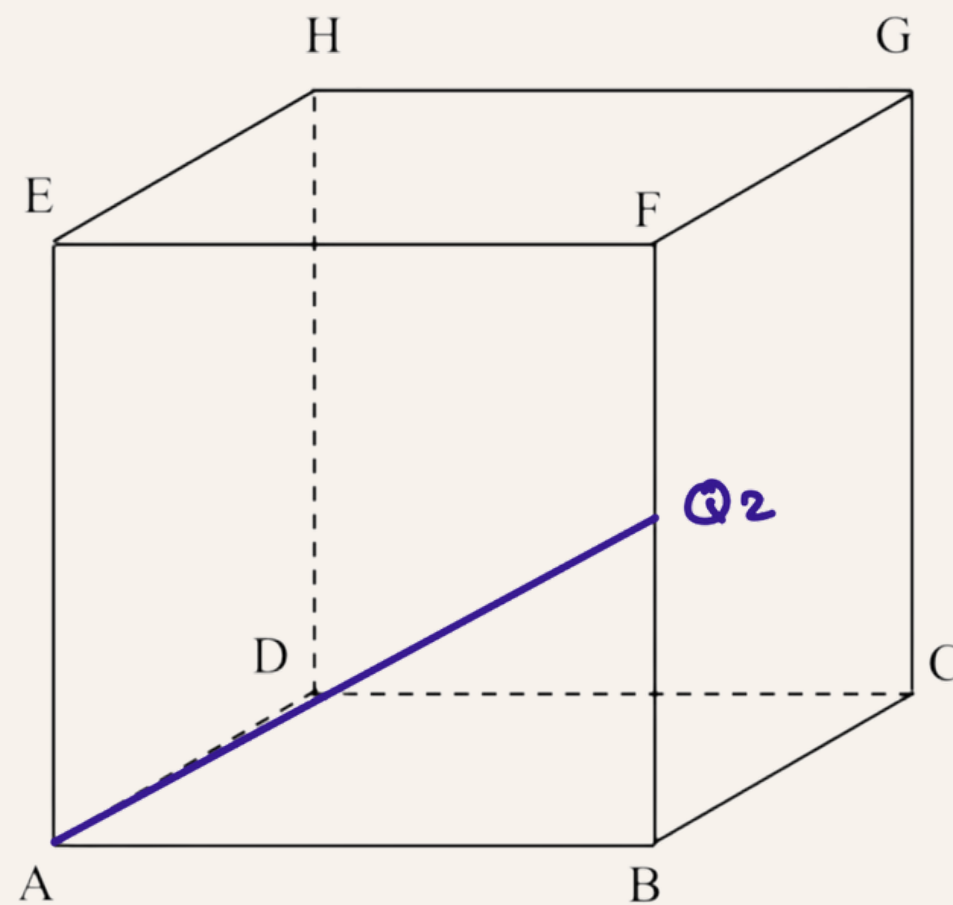


cara kerja
Jarak R4 ke garis AG



JARAK TITIK KE TITIK

GAMBAR

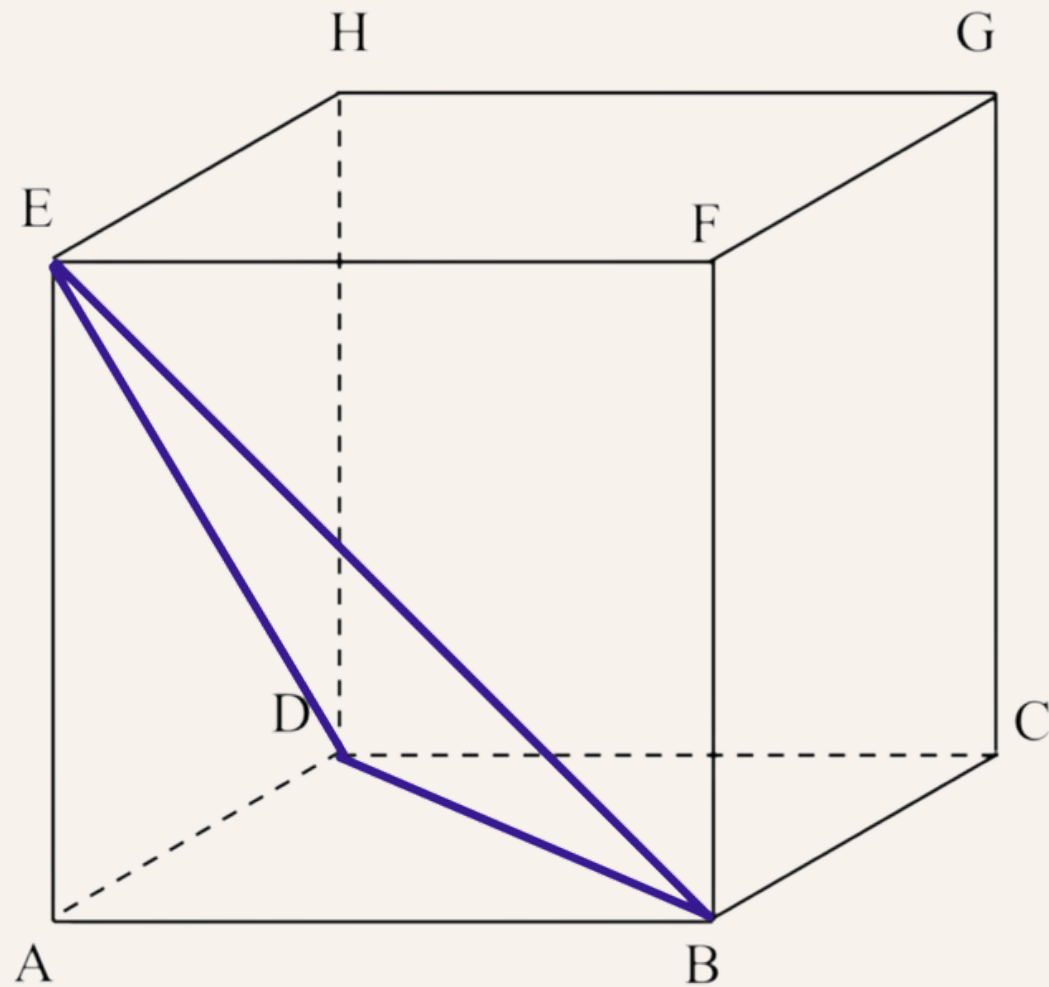


cara kerja

$$\begin{aligned} \text{Jarak A ke } Q_2 \\ AQ_2 &= \sqrt{AB^2 + BQ^2} \\ &= \sqrt{a^2 + \frac{a^2}{4}} \\ &= \sqrt{\frac{5a^2}{4}} \\ &= \frac{1}{2}a\sqrt{5} \text{ //} \end{aligned}$$

JARAK TITIK KE BIDANG

GAMBAR



Pilih jawaban yang tepat

Jarak A ke BDE

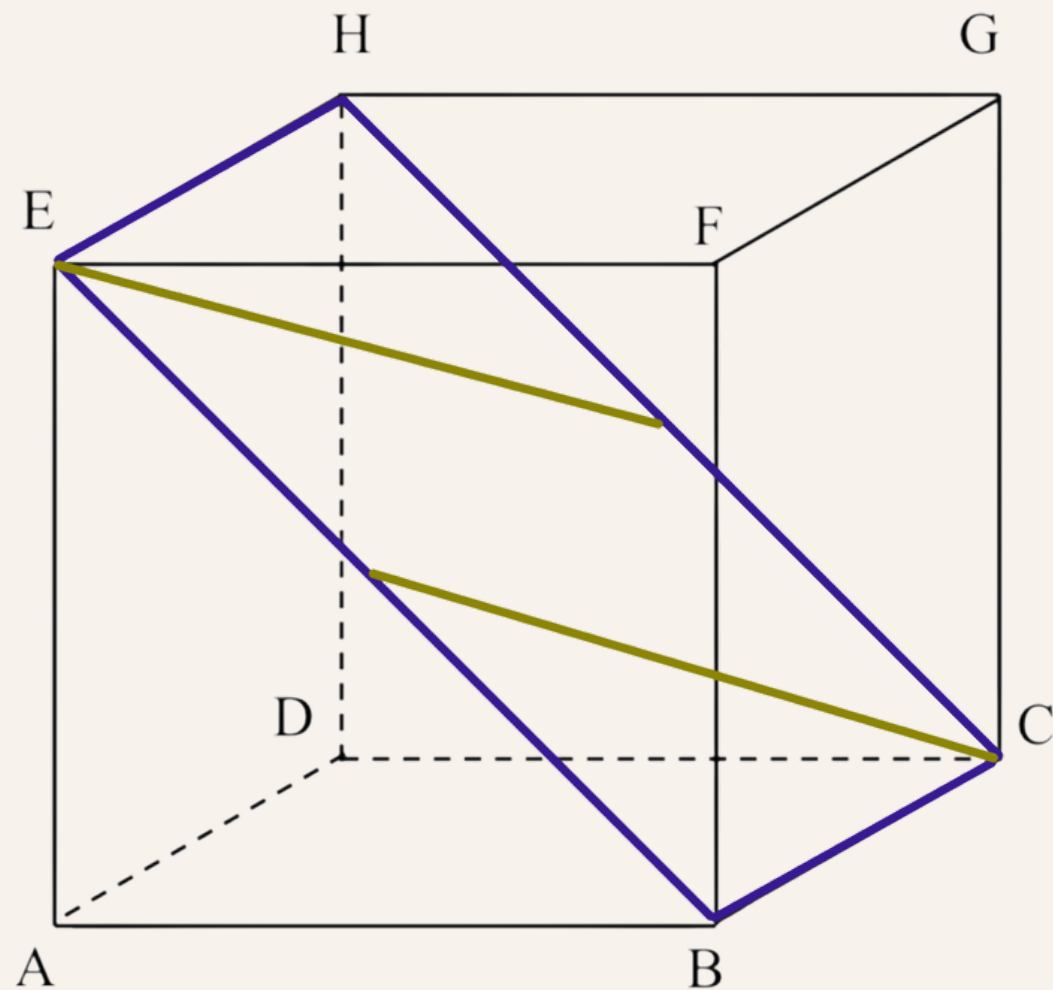
$$p = \frac{AE \cdot AD}{EO} = \frac{6 \cdot 3\sqrt{2}}{3\sqrt{6}}$$

$$p = \frac{6}{\sqrt{2}}$$

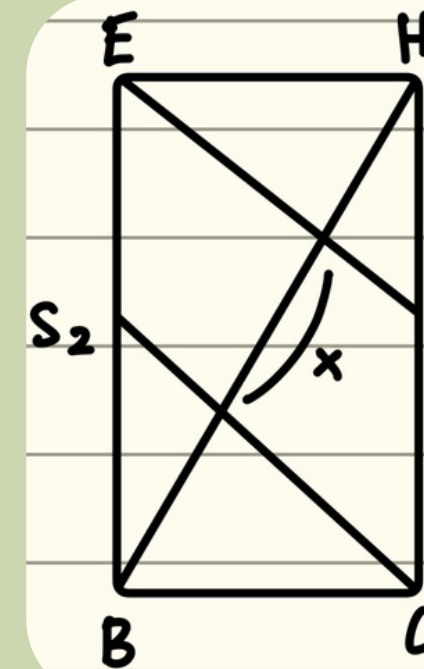
$$p = 2\sqrt{3} //$$

JARAK 2 GARIS SEJAJAR

GAMBAR



Pilih jawaban yang tepat

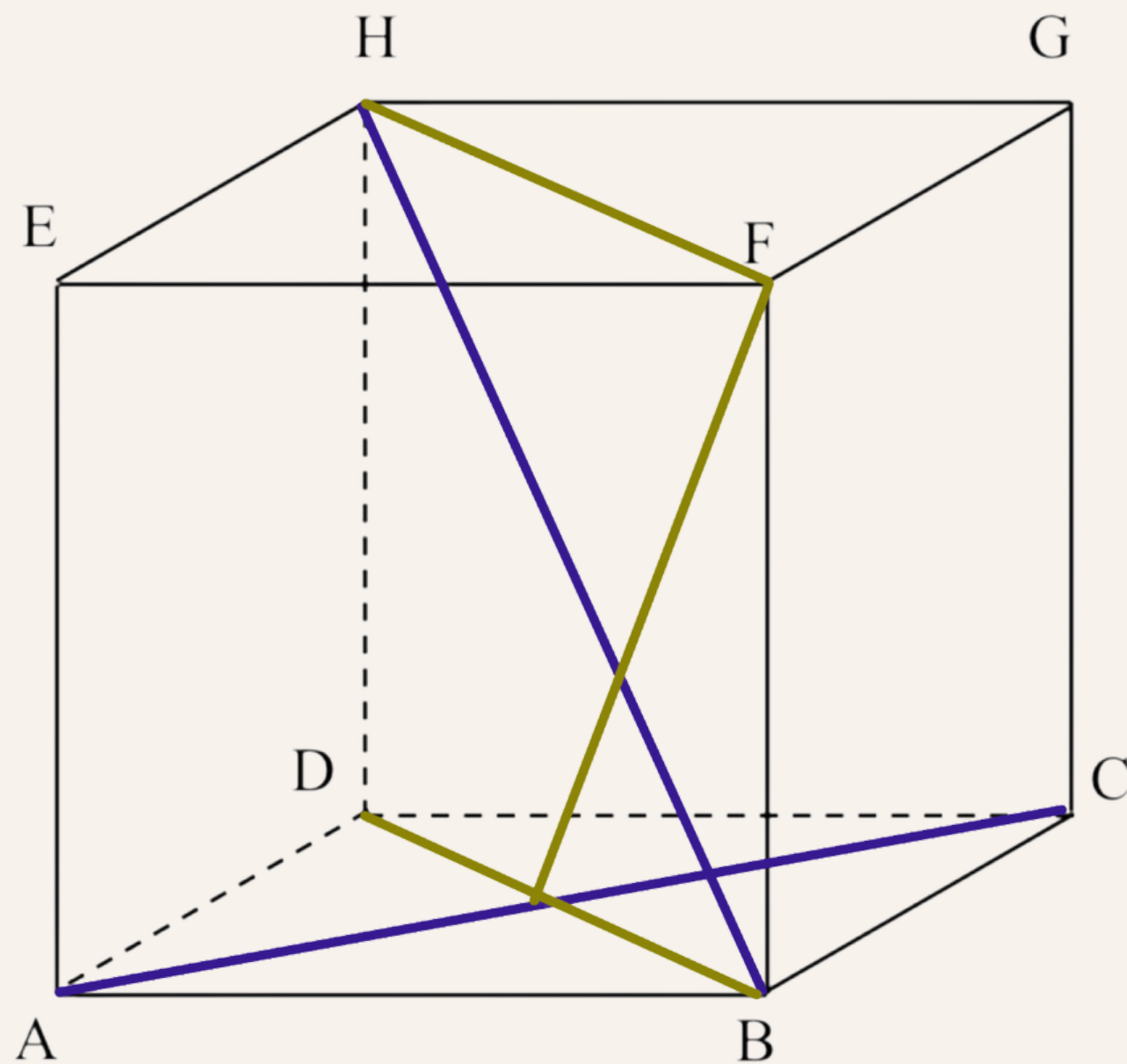


$$x = \frac{1}{3} BH$$

$$\therefore \text{jarak} = x = \frac{1}{3} a\sqrt{3}$$

ES₄ ke CS₂

JARAK 2 GARIS BERSILANGAN



GAMBAR

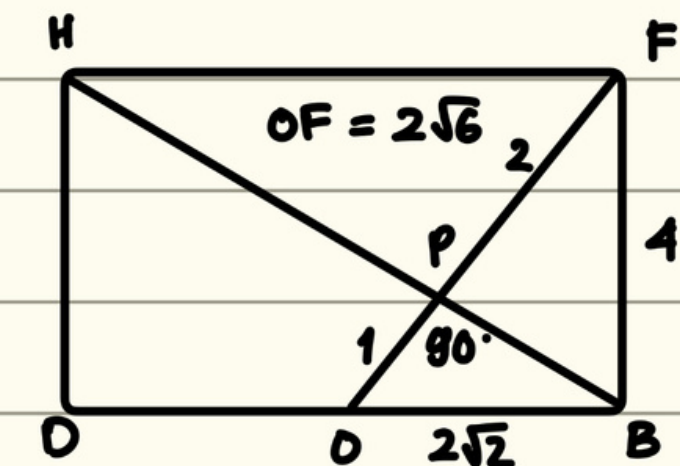
Jarak BH dengan AC

$$PB = \frac{OB \cdot BF}{BF} = \frac{2\sqrt{2} \cdot 4}{2\sqrt{6}}$$

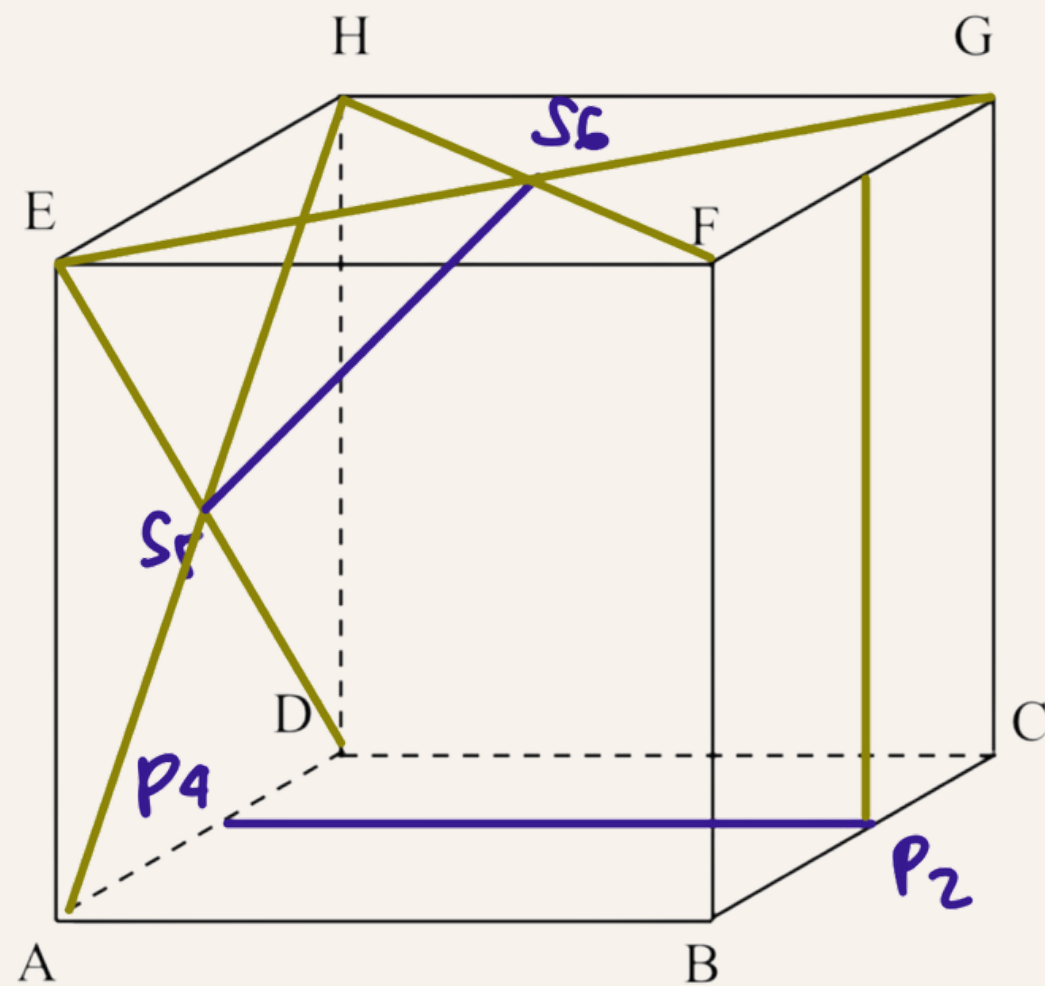
$$= \frac{4}{3}\sqrt{3}$$

$$OP^2 = OB^2 - PB^2 = \frac{8}{3}$$

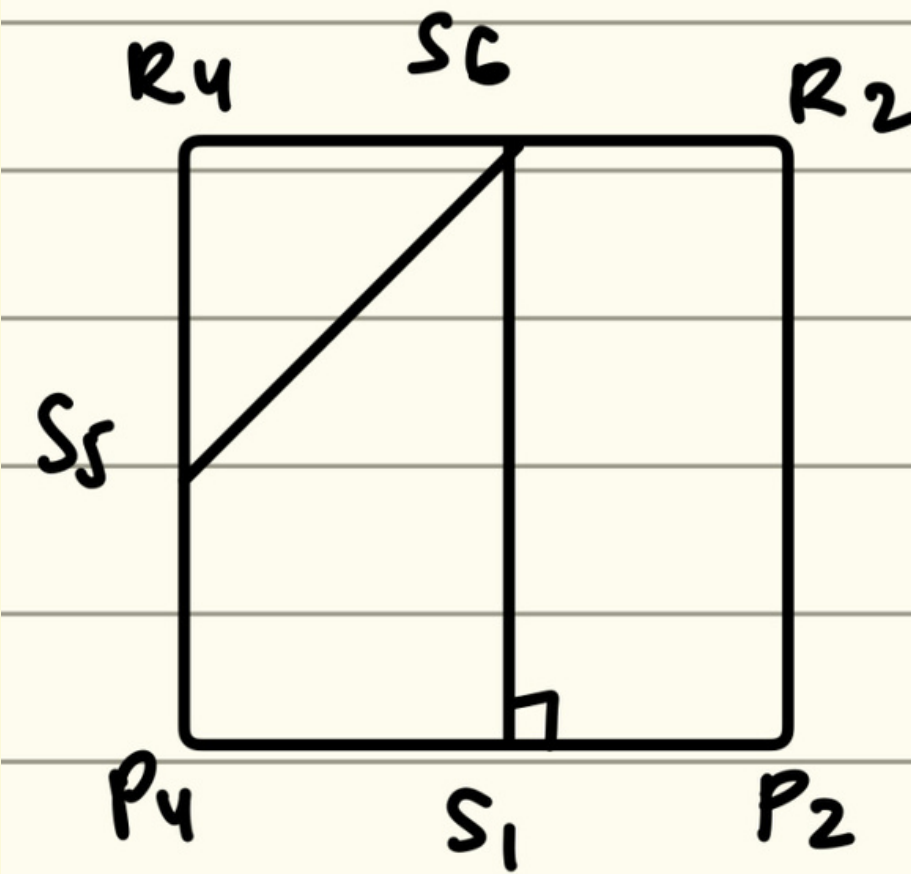
$$OP = \frac{2\sqrt{6}}{3}$$



PROYEKSI GARIS KE GARIS

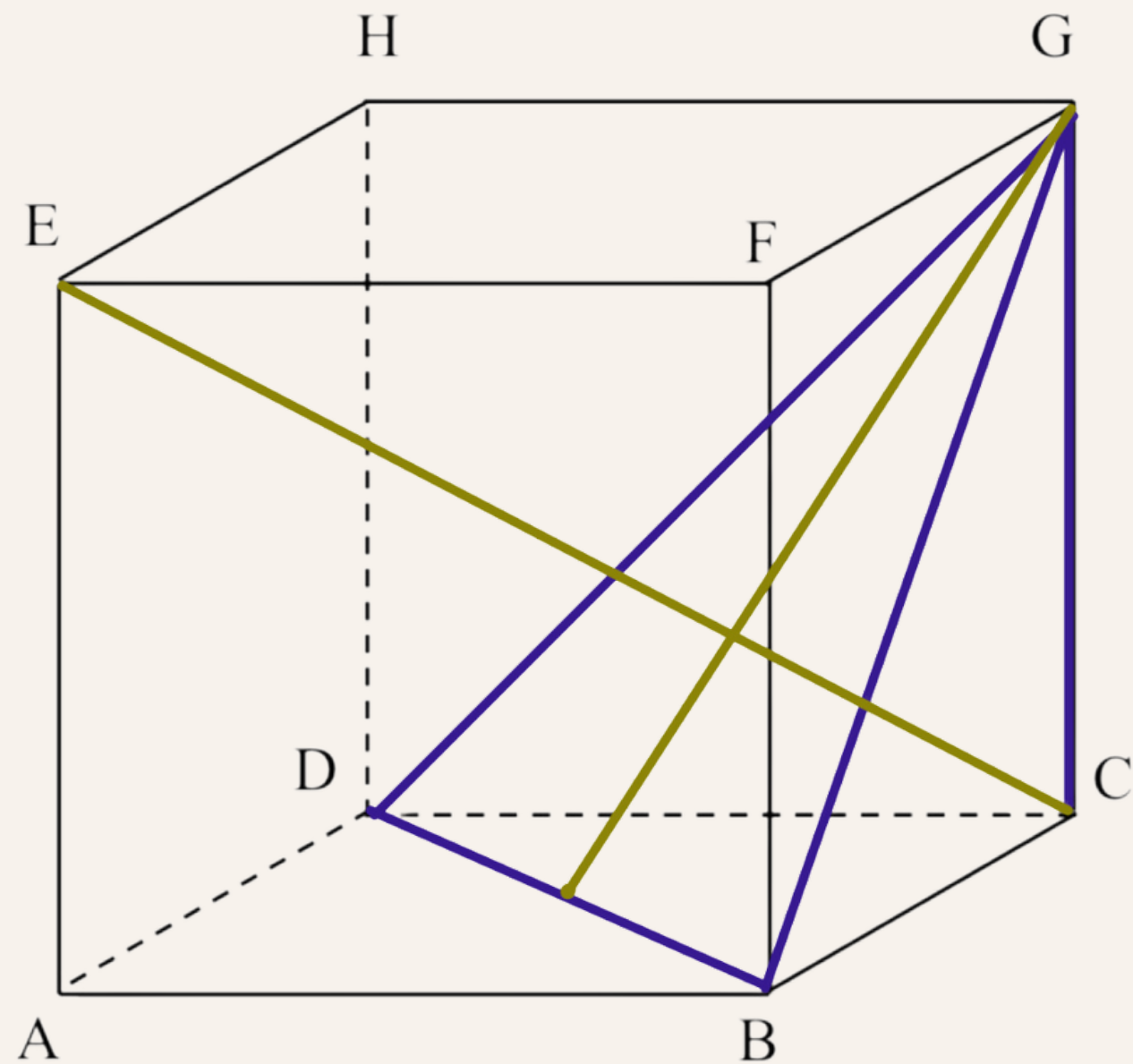


GAMBAR



$$\text{Proyeksi : } P_4 S_1 = \frac{1}{2}a$$

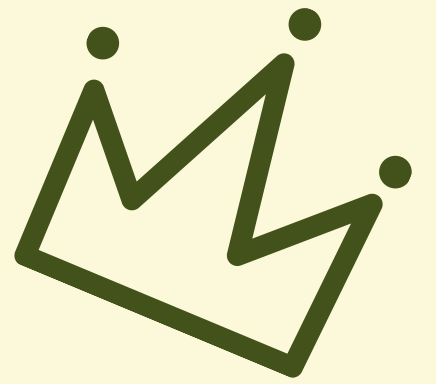
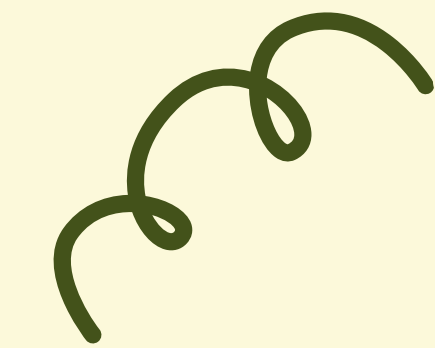
GAMBAR



PROYEKSI KE BIDANG

GARIS

$$\begin{aligned} \text{Proyeksi } CG \text{ pada } BCG \\ PG &= \frac{2}{3} GR = \frac{1}{2} a\sqrt{6} \cdot \frac{2}{3} \\ &= 2\sqrt{6} \end{aligned}$$



SEKIAN DAN TERIMA KASIH

