

Nama :

Kelas :

Latihan Soal
Sudut Rangkap_Part 2

Selesaikan soal berikut dengan benar !

1. $10 \sin 75^\circ \cos 75^\circ$

Jawab :

Rumus : $\sin 2x = 2 \sin x \cos x$

$$\begin{aligned} 10 \sin 75^\circ \cos 75^\circ &= \dots \cdot \dots \sin \dots^\circ \cos \dots^\circ \\ &= \dots \sin 2 \dots^\circ \\ &= \dots \sin \dots^\circ \\ &= \dots \cdot \frac{\dots}{\dots} \\ &= \dots \end{aligned}$$

2. $3 - 6 \sin^2 60^\circ$

Jawab :

Rumus : $\cos 2x = 1 - 2 \sin^2 x$

$$3 - 6 \sin^2 60^\circ = \dots \left(\dots - \dots \sin^2 \dots^\circ \right)$$

dibentuk agar sesuai rumus

$$\begin{aligned} &= \dots \left(\cos 2 \dots^\circ \right) \\ &= \dots \cos \dots \\ &= \dots \cdot \dots \frac{\dots}{\dots} \\ &= \dots \end{aligned}$$

(negatif/positif)