



SMA Fransiskus 2 Jakarta MATEMATIKA



Ribka Yunita

Nama :
Kelas :
Hari/Tgl :

I. Klik dan tarik jawaban dengan tepat

1. $\sin(a - b)$ =
2. $\cos(a + b)$ =
3. $\tan(a - b)$ =
4. $1 + \cot^2 a$ =
5. $\cot a$ =
6. $\sin(a + b) - \sin(a - b)$ =
7. $\tan 2a$ =
8. $\cos(a + b) - \cos(a - b)$ =
9. $\cos 2a$ =
10. $\sin 2a$ =

$$\sin \alpha \cos \beta + \cos \alpha \sin \beta$$

$$\frac{\tan \alpha + \tan \beta}{1 - \tan \alpha \tan \beta}$$

$$\cos \alpha \cos \beta + \sin \alpha \sin \beta$$

$$\frac{\tan \alpha - \tan \beta}{1 + \tan \alpha \tan \beta}$$

$$\sin \alpha \cos \beta - \cos \alpha \sin \beta$$

$$\frac{1}{\tan \alpha}$$

$$\cos \alpha \cos \beta - \sin \alpha \sin \beta$$

$$\csc^2 \alpha$$

$$\frac{2 \tan \alpha}{1 - \tan^2 \alpha}$$

$$\frac{\sin \alpha}{1 + \cos \alpha}$$

$$1 - 2 \sin^2 \alpha$$

$$2 \sin \alpha \cos \alpha$$

$$2 \cos \alpha \cos \beta$$

$$-2 \sin \alpha \sin \beta$$

$$2 \cos \alpha \sin \beta$$

II. Jawablah dengan jelas dan tepat

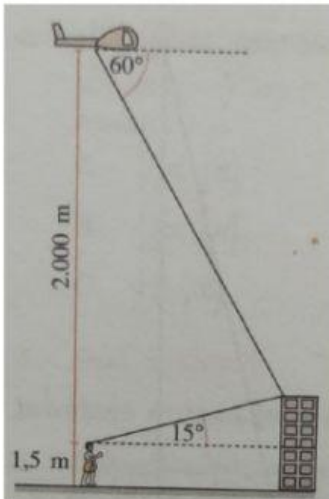
1. Hitunglah $\cos\left(\frac{1}{4}\pi - 0\right) \cos\left(\frac{1}{4}\pi + 0\right) - \sin\left(\frac{1}{4}\pi - 0\right) \sin\left(\frac{1}{4}\pi + 0\right)$
=

2. $\frac{1 - \cos 2a}{\sin 2a} =$

3. $2 \sin a \cos 3a =$

4. $\sin 34^\circ + \sin 26^\circ =$

5.



Perhatikan gambar
Maka tinggi Gedung bertingkat tersebut adalah