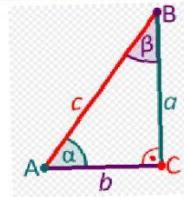


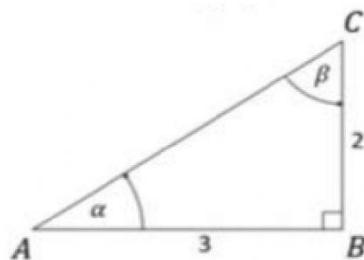
PERBANDINGAN TRIGONOMETRI



$$\begin{array}{ll} \sin \alpha = \frac{\text{depan}}{\text{miring}} = \frac{\text{de}}{\text{mi}} & \csc \alpha = \frac{\text{miring}}{\text{depan}} = \frac{\text{mi}}{\text{de}} \\ \cos \alpha = \frac{\text{samping}}{\text{miring}} = \frac{\text{sa}}{\text{mi}} & \sec \alpha = \frac{\text{miring}}{\text{samping}} = \frac{\text{mi}}{\text{sa}} \\ \tan \alpha = \frac{\text{depan}}{\text{samping}} = \frac{\text{de}}{\text{sa}} & \cot \alpha = \frac{\text{samping}}{\text{depan}} = \frac{\text{sa}}{\text{de}} \end{array}$$

SOAL

PERHATIKAN SEGITIGA ABC BERIKUT INI!



Tentukan nilai dari:

$$\begin{array}{ll} \sin \alpha & \sin \beta \\ \cos \alpha & \cos \beta \end{array}$$

$$\begin{array}{ll} \tan \alpha & \tan \beta \end{array}$$

JAWABAN

$$\sin \alpha = \frac{2}{\sqrt{13}} \times \frac{\sqrt{13}}{\sqrt{13}} = \frac{2}{\sqrt{13}}$$

$$\cos \alpha = \frac{3}{\sqrt{13}} \times \frac{\sqrt{13}}{\sqrt{13}} = \frac{3}{\sqrt{13}}$$

$$\tan \alpha = \frac{2}{3}$$

$$\sin \beta = \frac{3}{\sqrt{13}} \times \frac{\sqrt{13}}{\sqrt{13}} = \frac{3}{\sqrt{13}}$$

$$\cos \beta = \frac{2}{\sqrt{13}} \times \frac{\sqrt{13}}{\sqrt{13}} = \frac{2}{\sqrt{13}}$$

$$\tan \beta = \frac{3}{2}$$





WORD SEARCH

CARILAH KATA-KATA BERIKUT DALAM BENTUK HORIZONTAL, VERTIKAL ATAU PUN DIAGONAL!
(TAP/KLIK HURUF YANG MENYUSUN KATA YANG DICARI!)

SISI
RADIAN
TRIGONOMETRI
PHI
SATUAN
SUDUT
KONVERSI
COS
TAN
SAMPING
SIKU
DERAJAT
DEPAN
SIN
SEGITIGA
ISTIMEWA
MIRING
PERBANDINGAN

P	S	E	G	I	T	I	G	A	S	I	N	R	T
V	A	A	I	P	M	E	D	E	R	A	J	A	T
W	T	I	N	S	S	U	D	U	T	M	P	R	N
O	U	I	S	R	N	A	I	D	A	R	A	K	D
R	E	P	E	R	B	A	N	D	I	N	G	A	N
I	R	T	E	M	O	N	O	G	I	R	T	D	T
I	P	E	S	R	K	O	N	V	E	R	S	I	O
S	H	N	I	S	N	S	I	I	V	S	M	P	N
T	I	I	S	E	I	T	S	N	S	I	I	M	
T	D	S	I	O	S	K	S	N	U	A	R	I	S
N	A	K	A	K	I	U	A	M	P	T	I	I	O
D	B	N	I	A	D	E	P	A	N	U	N	O	C
N	S	R	S	A	M	P	I	N	G	A	G	I	U
U	S	I	S	T	I	M	E	W	A	N	I	S	A

DRAG AND DROP

LENGKAPIH TABEL BERIKUT INI DENGAN CARA DRAG DAN DROP PADA JAWABAN YANG TELAH DISEDIAKAN

	0°	30°	45°	60°	90°
sin			$\frac{1}{2}\sqrt{2}$		1
cos		$\frac{1}{2}\sqrt{3}$		$\frac{1}{2}$	0
tan			1		

PILIHAN JAWABAN

- $\frac{1}{3}\sqrt{3}$ 1 ∞
 $\sqrt{3}$ $\frac{1}{2}$
 $\frac{1}{2}\sqrt{3}$ 0 $\frac{1}{2}\sqrt{2}$



KETIKA ORANG MATEMATIKA MENGGOMBAL

"SUDUT KELILING ITU ADALAH SEPARUH SUDUT PUSAT.
KALO KAMU ITU SEPARUH HATIKU"