

=

2. Rajah di sebelah menunjukkan suatu segi tiga bersudut tegak.

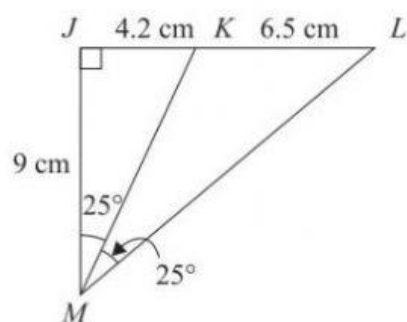
(a) Tentukan nisbah trigonometri bagi

(i) $\sin 25^\circ$ (ii) $\cos 25^\circ$ (iii) $\tan 25^\circ$

(iv) $\sin 50^\circ$ (v) $\cos 50^\circ$ (vi) $\tan 50^\circ$

(b) Adakah pertambahan nilai nisbah trigonometri bagi sudut 25° dan sudut 50° berkadaran dengan pertambahan nilai sudutnya?

TP 3



(a)

KM = $\sqrt{\quad}$ $\sin 25^\circ = \quad$ $\cos 25^\circ = \quad$ $\tan 25^\circ = \quad$

= $\sqrt{\quad}$ = $\quad$ = $\quad$ = $\quad$

=

LM = $\sqrt{\quad}$ $\sin 50^\circ = \quad$ $\cos 50^\circ = \quad$ $\tan 50^\circ = \quad$

= $\sqrt{\quad}$ = $\quad$ = $\quad$ = $\quad$

=

(b) $\quad$

Latih Diri 5.1d

Buku teks : Muka surat 117

TUTOR

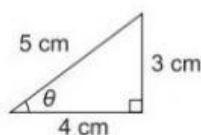
PENGAJARAN 3MM035

1. Hitung nilai $\sin \theta$, $\cos \theta$ dan $\tan \theta$ bagi setiap segi tiga bersudut tegak berikut.

TP 3

Hebat Lembaran Gangsa

Modul PdPc

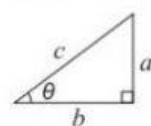


Penyelesaian :

$$\sin \theta = \frac{3}{5} \quad \cos \theta = \frac{4}{5} \quad \tan \theta = \frac{3}{4}$$

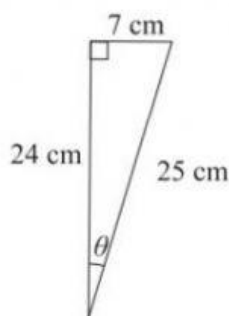


TIP PINTAR



$$\begin{aligned} \sin \theta &= \frac{a}{c} \\ \cos \theta &= \frac{b}{c} \\ \tan \theta &= \frac{a}{b} \end{aligned}$$

(a)

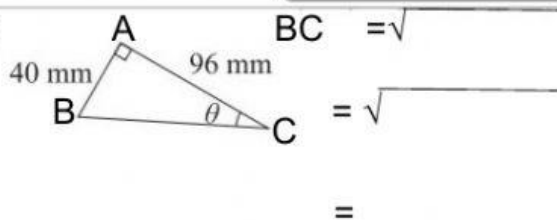


$$\sin \theta = \quad$$

$$\cos \theta = \quad$$

$$\tan \theta = \quad$$

(b)



$$\sin \theta = \quad = \quad$$

$$\cos \theta = \quad = \quad$$

$$\tan \theta = \quad = \quad$$