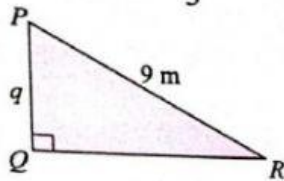


3. Tentukan panjang sisi q untuk setiap segi tiga bersudut tegak berikut.

$$(a) \sin \angle QRP = \frac{1}{3}$$



Dimana sudut QRP? Tandakan(/)

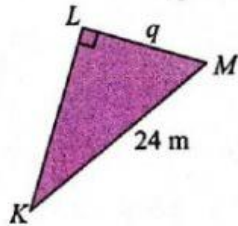
P() Q() R()

Hipotenusa =

Sinus ialah = $\frac{\text{setentang}}{\text{hipotenusa}}$

Maka, sinus sudut QRP = $\frac{p}{r} = \frac{4}{5} \therefore \angle Q = 53^\circ$

$$(b) \sin \angle LKM = \frac{7}{8}$$



Dimana sudut LKM? Tandakan(/)

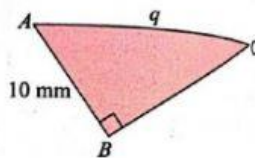
L () K () M ()

Hipotenusa =

$$\text{Sinus ialah} = \frac{\text{setentang}}{\text{hipotenusa}}$$

Maka, sinus sudut LKM = $\frac{LM}{LK}$ = $\frac{4}{5}$ $\therefore g = \frac{4}{5}$

(c) $\sin \angle ACB = \frac{2}{5}$



Dimana sudut ABC? Tandakan(/)

A () B () C ()

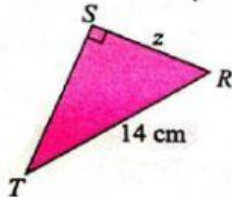
Hipotenus =

$$\text{Sinus ialah} = \frac{\text{setentang}}{\text{hipotenusa}}$$

Maka, sinus sudut ABC = $\frac{a}{c} = \frac{b}{c}$; $g = \frac{1}{2}$

4. Tentukan panjang sisi z untuk setiap segi tiga bersudut tegak berikut.

$$(a) \cos \angle SRT = \frac{5}{7}$$



Dimana sudut SRT? Tandakan(/)

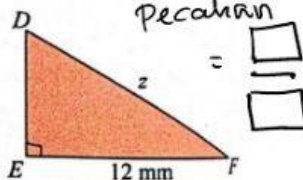
T() S() R()

Hipotenusa =

Kosinus ialah = $\frac{\text{sebelah}}{\text{hipotenusa}}$

Maka, kosinus sudut SRT = $\frac{1}{2} = \frac{1}{2}$ $\therefore \approx 60^\circ$

(c) $\cos \angle DFE = 0.4 \rightarrow$ Sama dengan



Dimana sudut DFE? Tandakan(/)

E () D () F ()

Hipotenusa =

Kosinus ialah = $\frac{\text{sebelah}}{\text{hipotenusa}}$

Maka, kosinus sudut DFE = $\frac{\text{DF}}{\text{DE}}$ = $\frac{4}{5}$ = z = $\frac{4}{5}$