

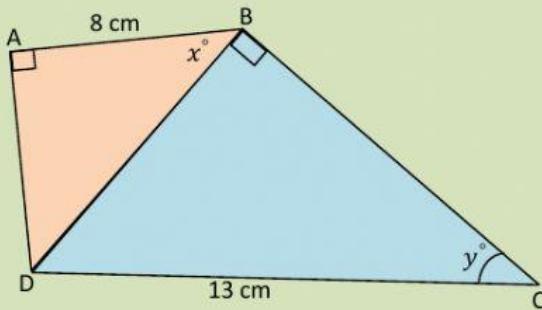
ABC dan BED adalah garis lurus. Diberi  $\cos x^\circ = \frac{3}{5}$ ,  
Cari  $\sin y^\circ$  dan panjang BC?

$$\cos x^\circ = \frac{3}{5} = \frac{s}{h} = \frac{3}{AE}, \text{ maka panjang } AE =$$

$$\text{Panjang } BE = \sqrt{AB^2 - AE^2} =$$

$$\text{Panjang } BC = \sqrt{AB^2 + AC^2} =$$

$$\sin y^\circ = \text{---}$$

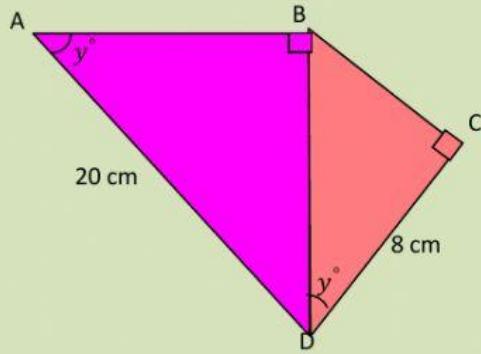


Diberi  $\cos x^\circ = \frac{4}{5}$ , Cari  $\tan y^\circ$  dan panjang BC

$$\cos x^\circ = \frac{4}{5} = \frac{s}{h} = \frac{8}{BD}, \text{ maka panjang } BD =$$

$$\text{Panjang } BC = \sqrt{AB^2 + AC^2} =$$

$$\tan y^\circ = \text{---}$$

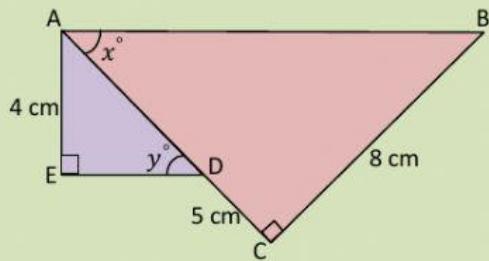


Diberi  $\sin y^\circ = \frac{5}{10}$ , Cari  $\cos y^\circ$  dan panjang BC

$$\sin y^\circ = \frac{5}{10} = \frac{T}{H} = \frac{BD}{H}, \text{ maka panjang } BD =$$

$$\text{Panjang } BC = \sqrt{AB^2 - BD^2} =$$

$$\cos y^\circ = \text{_____}$$



ADC adalah garis lurus. Diberi  $\tan x^\circ = \frac{4}{5}$ , Cari  $\sin y^\circ$  dan panjang AB.

$$\tan x^\circ = \frac{4}{5} = \frac{T}{S} = \frac{AE}{ED}, \text{ maka panjang } AC =$$

$$\text{Panjang } AB = \sqrt{AC^2 + BC^2} =$$

$$\text{Panjang } AD =$$

$$\sin y^\circ = \text{_____}$$