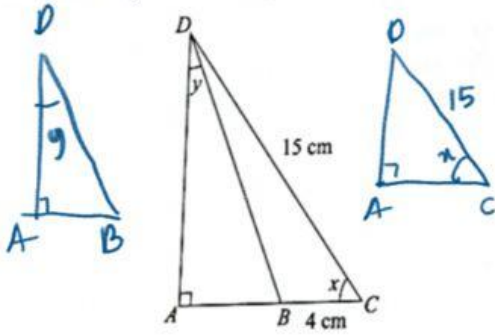


2. Dalam rajah di bawah, ABC ialah garis lurus.



Diberi $\cos x = \frac{3}{5}$. Cari nilai

(a) $\tan x$,

(b) $\sin y$.

$$\cos x = \frac{3}{5} = \frac{S}{H}$$

$$a) \tan x = \frac{T}{S}$$

$$b) \sin y = \frac{T}{H}$$

$$\cos x = \frac{3}{5} = \frac{AC}{DC}$$

$$AB = \square - 4 = \square$$

$$AC = \frac{3}{5} \times \square$$

$$DB = \sqrt{\square^2 + \square^2}$$

$$= \square$$

$$AC = \square$$

$$AD = \sqrt{\square^2 - \square^2}$$

$$= \square$$

$$\sin y = \frac{\square}{\square}$$

$$\tan x = \frac{T}{S} = \frac{\square}{\square} = \frac{\square}{\square}$$

