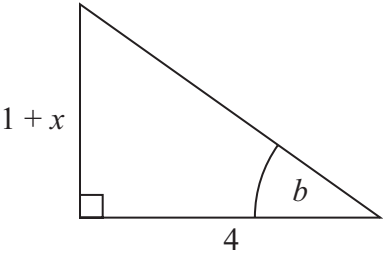
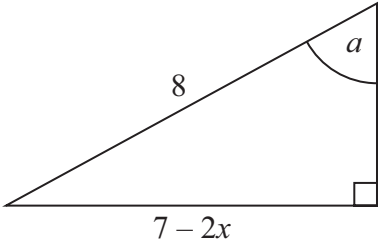


**10** The diagram shows two right-angled triangles.



All lengths are measured in centimetres.

Given that

$$\sin a = \tan b$$

work out the value of  $x$ .

$x = \dots\dots\dots$