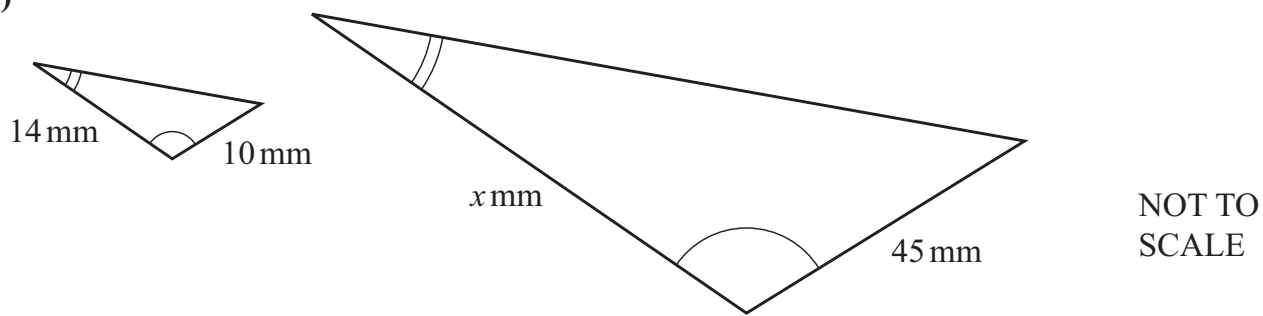


22 (a)



The diagram shows two mathematically similar triangles.

Find the value of x .

$x = \dots\dots\dots$ [2]

- (b) The surface areas of two mathematically similar containers are 124 cm^2 and 279 cm^2 .
The capacity of the smaller container is 56 ml.

Find the capacity of the larger container.

$\dots\dots\dots\text{ ml}$ [3]