

M7 = 25 days to go!

- 5 (a) Calculate the size of angle x .

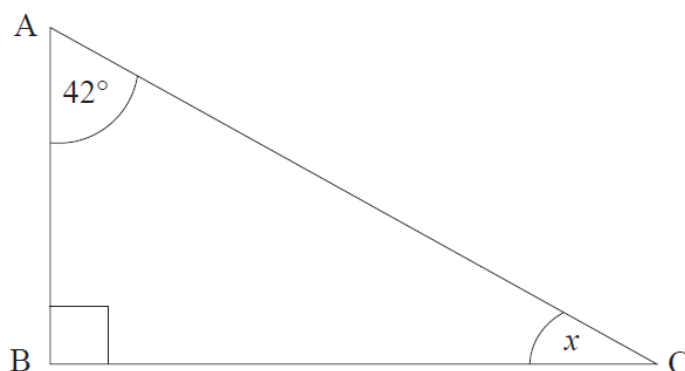
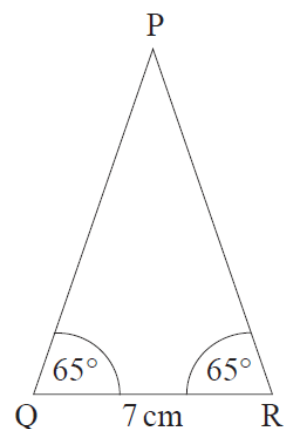


diagram not
drawn accurately

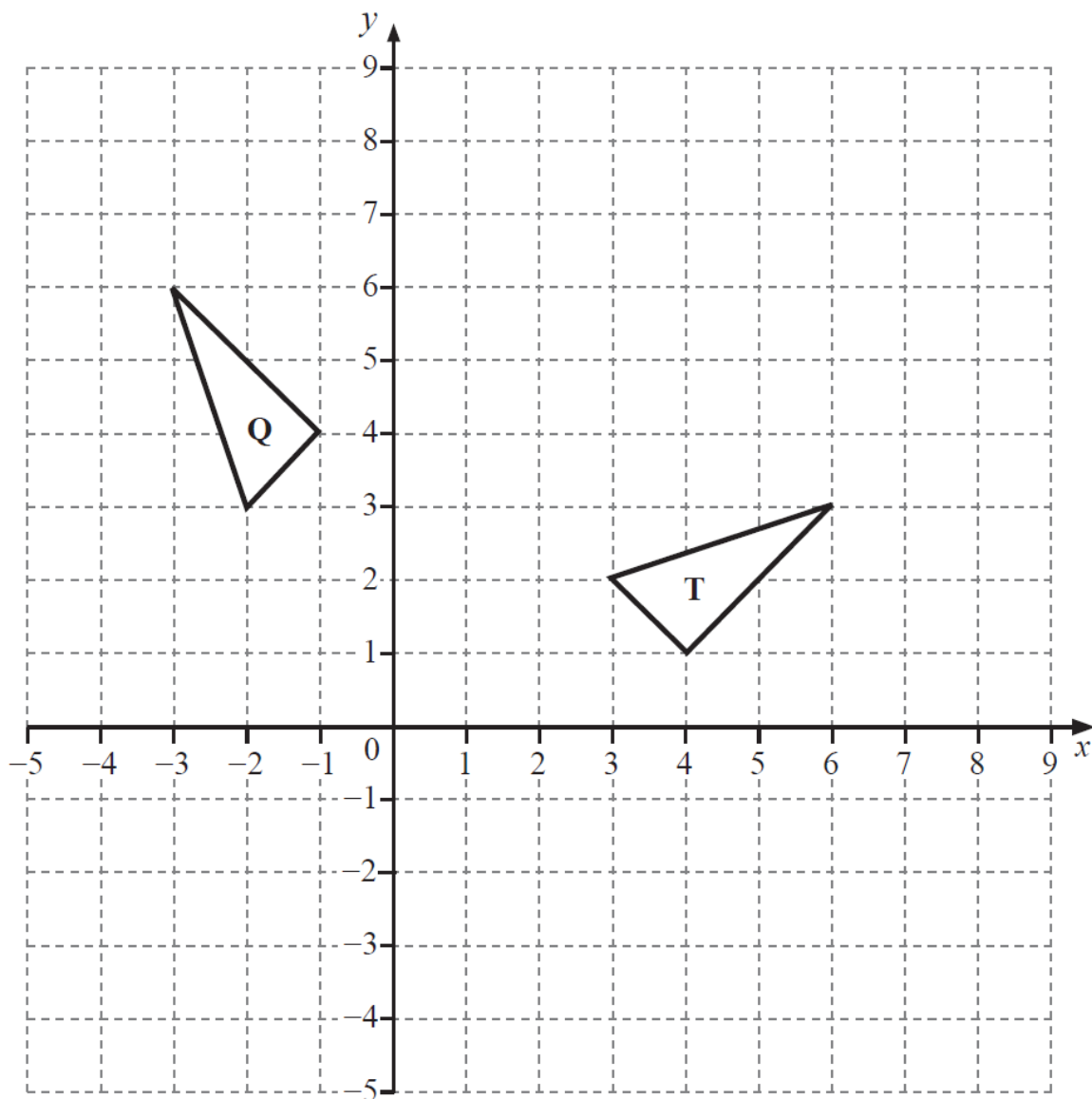
Answer _____ $^\circ$ [2]

- (b) Make an accurate drawing of the triangle sketched below.



Q ×

[3]



- (a) Describe fully the **single** transformation which maps triangle **T** onto triangle **Q**.

Answer _____ [3]

- (b) On the grid, draw the image of triangle **T** after a translation $\begin{pmatrix} 2 \\ -5 \end{pmatrix}$. [2]