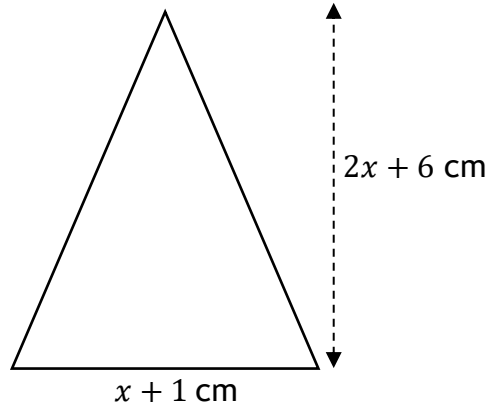
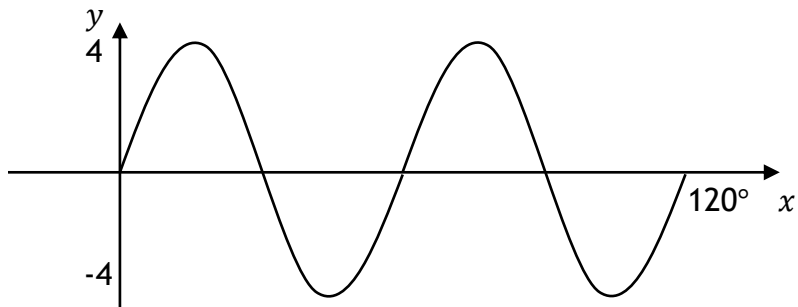


29. The triangle below has an area of 48 cm^2 .



- Show that $x^2 + 4x - 45 = 0$
 - Solve $x^2 + 4x - 45 = 0$ and state the dimensions of the triangle.
30. a. The diagram below shows part of the graph with equation $y = a\sin bx^\circ$. State the values of a and b .



- Sketch the graph of the curve $y = 3 \cos 4x^\circ$ for $0^\circ \leq x \leq 180^\circ$