

21st January



Corbettmaths

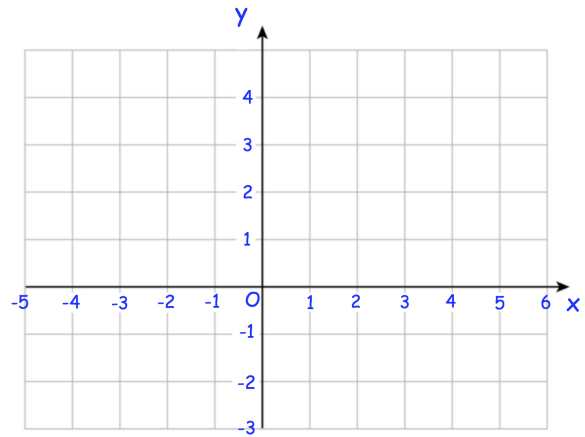
Write $3x^2 - 12x + 2$ in the form $a(x + b)^2 + c$

On the grid, draw the graph of $y = f(x)$

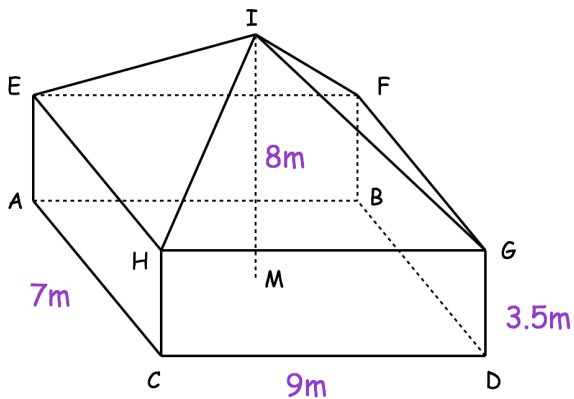
$$f(x) = -x - 2 \quad -5 \leq x < 0$$

$$= -2 \quad 0 \leq x < 2$$

$$= 3x - 8 \quad 2 \leq x \leq 4$$



The diagram shows a cuboid and a pyramid.
The apex of the pyramid, I, is directly above the centre, M, of ABDC.



Calculate the angle between planes EHI and ACHE