21st January

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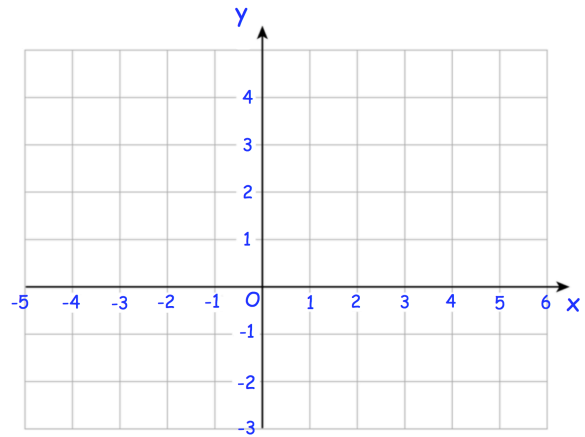
Write $3x^2 - 12x + 2$ in the form $a(x+b)^2 + c$

On the grid, draw the graph of $y = f(x)$
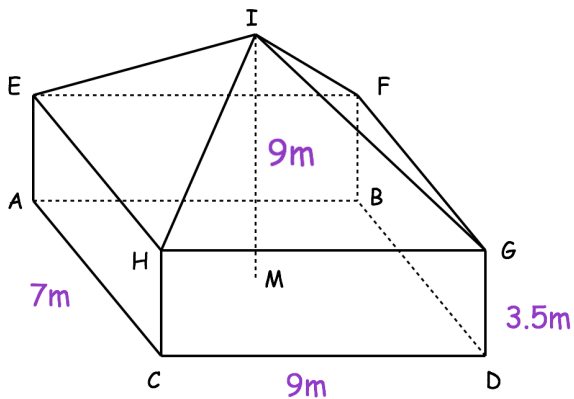
$f(x) = -x - 2 \qquad -5 \leq x < 0$

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

$ = 3x - 8 \qquad 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