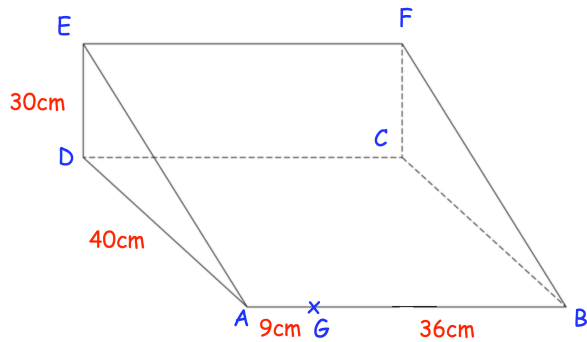


**24th February**

Corbettmaths

Factorise fully

$$75 - 48x^4$$



Calculate the size of the angle between planes ABFE and the line DG

A curve has equation  
 $y = 4x^2 + 2x - 3$

A normal to the curve is drawn at the point A.

The normal is parallel to the line with equation  $x - 6y = 2$

Find the equation of the normal at the point A.

Give your answer in the form  
 $y = mx + c$