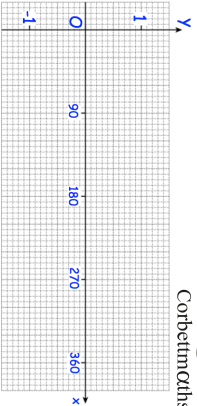
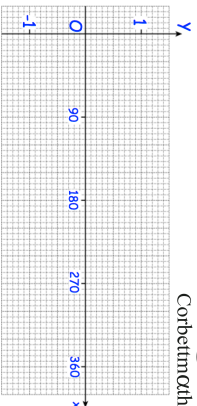


17th November Sketch the graph of $y = \cos x$ for $0 \leq x \leq 360$. 	
Express in the form $a\sqrt{b}$	
$\frac{30}{\sqrt{6}}$	
Solve $x + y - 4 = 0$ $y^2 - 5 = 4x$	
Solve $3x^2 + 5x - 105 < 2x^2 - 3x$	
A sphere has radius c A hemisphere has radius d . The volume of the hemisphere is twice the volume of the sphere.	Work out the value of $\frac{d}{c}$

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