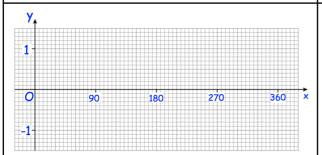
Corbettmaths

26th December

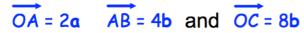
 $2x^2 - 6x + 1$ can be written in the form $a(x - b)^2 + c$

Find a, b and c

Simplify $5\sqrt{8} + \sqrt{18}$

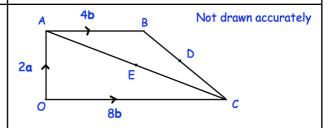


Sketch the graph of $y = -\cos x$ for $0 \le x \le 360$.



Point D is the midpoint of BC. Point E is the midpoint of AC.

Show ED and OC are parallel



A circle has equation $x^2 + y^2 = 50$ The point A has coordinates (1, 7) The line I is the tangent to the circle at the point A.

The line I crosses the x-axis at the point P.

Work out the area of triangle OAP.