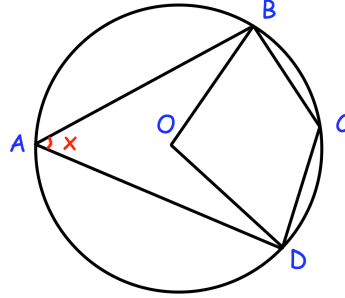


18th February

Corbettmaths

$$\angle BAD = x$$

Express $\angle BCD$ in terms of x Express the obtuse $\angle BOD$ in terms of x Solve $\sin\theta = -0.25$ for
 $0^\circ \leq \theta \leq 360^\circ$ Show that $(2x + 1)$ is a factor of
 $2x^3 + 9x^2 + 6x + 1$ Write $2x^3 + 9x^2 + 6x + 1$ in the form
 $(2x + 1)(x^2 + px + q)$