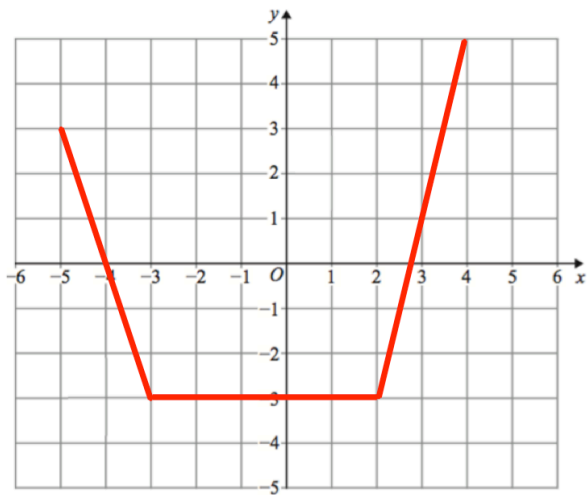


14th December

Corbettmaths

Factorise fully

$$4x^4 - x^8$$

Define $f(x)$, stating clearly the domain for each part.State the range of $f(x)$

Prove that

$$\sin\theta - \sin\theta\cos^2\theta \equiv \sin^3\theta$$