

7th September

Corbettmaths

Make c the subject of

$$\frac{3}{abc} = 6 + \frac{5}{a} - \frac{7}{ab}$$

Solve

$$x^{-\frac{2}{3}} = 20\frac{1}{4}$$

$$9a(8 - 3x) + 8(ax - 1) \equiv b - 152x$$

Work out a and b

Prove that

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