

31st January

Corbettmaths

Do the points (1, 4), (4, 10) and (9, 20) lie in a straight line?

Prove that the product of two odd numbers is always odd.

Work out

$$\left(2^{\frac{1}{2}} + 2^{\frac{5}{2}}\right)^3$$

$$5\cos x + 4\sin x = 0$$

where $0^\circ < x < 360^\circ$

Work out the size of angle x .