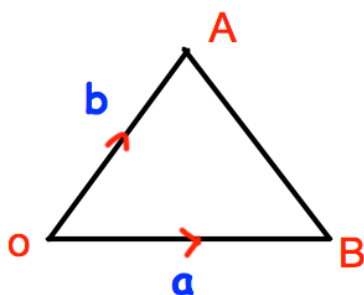


10th April

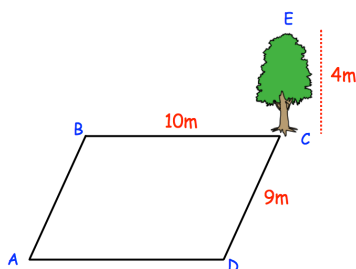
Corbettmaths

y is inversely proportional to the cube of x. If $y = 4$, $x = 2$.

Find y when $x = 1$.



What is the vector AB?



Calculate the distance AE

Simplify

$$\frac{x^2 + 10x + 24}{x^2 - 36}$$

Mrs Jenkins is making decorations for a wedding.
She needs $19\sqrt{5}$ metres of ribbon in total.
Mrs Jenkins has 40 metres of ribbon.
Does she have enough ribbon?

