

**15th November**

Corbettmaths

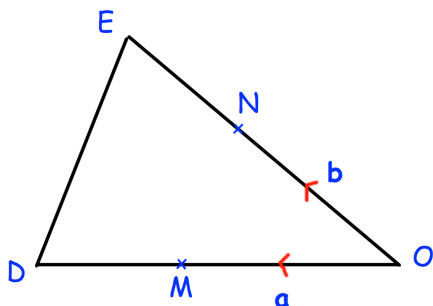
Show

$$x^4 - 7x^3 = 6$$

has a solution between 7 and 8

Prove that the product of two consecutive even numbers is a multiple of 4.

$$\text{Solve } 3x^2 - 19x - 14 < 0$$



ODE is a triangle  
 M is the midpoint of OD  
 N is the midpoint of OE

$$\vec{OM} = a$$

$$\vec{ON} = b$$

Show DE is parallel to MN