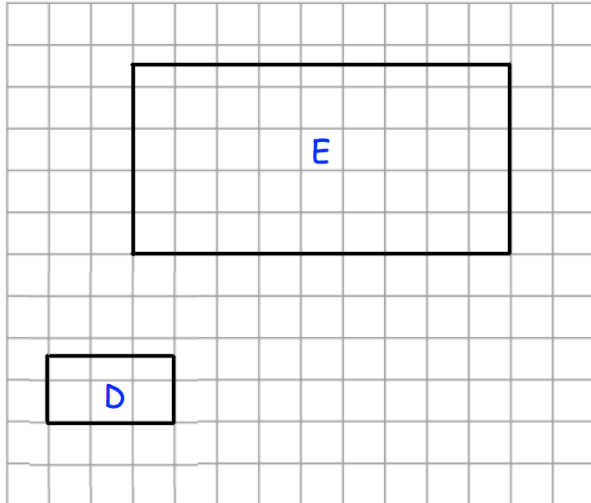


**11th May**

Corbettmaths

Give an example of a “continuous variable”



Rectangle E is an enlargement of rectangle D on the centimetre grid.

What is the scale factor of the enlargement?

Rectangle E is enlarged by scale factor 10 to give rectangle F.

Write down the area of rectangle F.

Solve the simultaneous equations

$$4x + 3y = 5$$

$$2x - 5y = 9$$

Solve

$$x^2 + 5x - 14 = 0$$