



Expand and simplify

$$(x + 2)(x + 5)(2x - 1)$$

The line  $l_1$  has equation  $y = 4x + 3$

The line  $l_2$  has equation  
 $5x + 2y - 9 = 0$

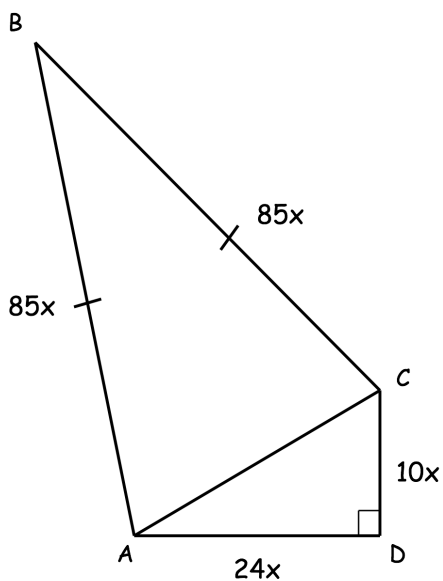
Find the gradient of line  $l_2$

Find the coordinates of the point of intersection of  $l_1$  and  $l_2$

Given that

$$16^x = 4^{10-x}$$

Find the value of  $x$



Show the area of ABCD is  $1212x^2$