MULTIPLYING POLYNOMIALS

[**Pls note** if you have x^2 in your answer you may write it as x2 , similarly x^3 may be written as x3 ….]

$(3+g)(5-g)$

_____

$(5y-1)(y-2)$

_____

$(x+c)(x+d) = x^2 + px + 72$

c is twice the value of d

Find two possible values of p

_____ and _____

$(2x+5)^2$

_____

$(7x-20)(9x-10)$

_____

$(4x-3)^2$

_____

$(2y+1)(y+3) + (4x+1)(3x-5)$

_____

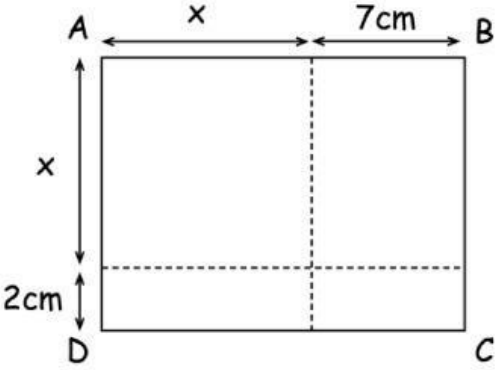
In a given rectangle , the length of the rectangle is (x+9)cm and the width of the rectangle is (x-1)cm .Form an expression for the area of the rectangle.

A = _____

Rectangle ABCD is shown below .

The area of the rectangle ABCD = 230cm^2

Write the expression of are in terms of x



_____

Micah correctly expands and simplifies the expression : $(2x+11)(x-3)$

Which is the correct term that is part of his answer

a)8x b)-5x c) 5x d)-8x

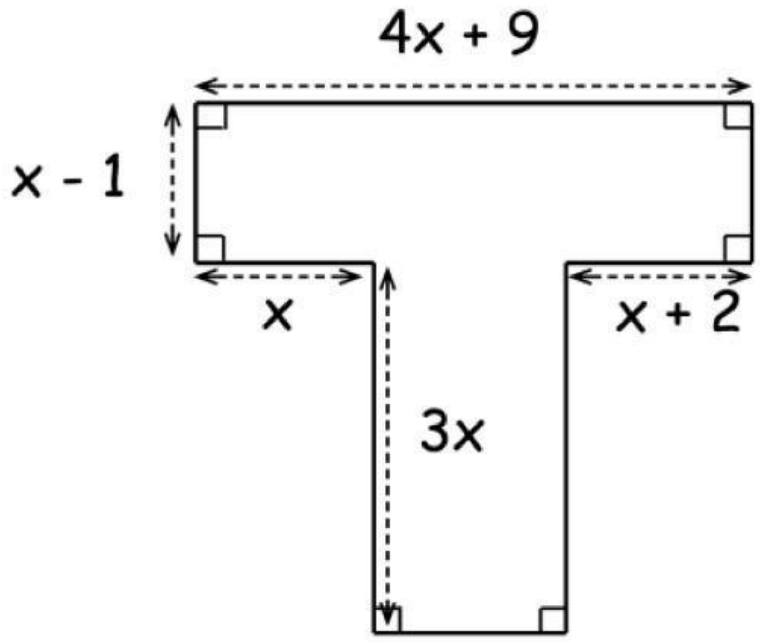
$(y^2+y)(y+3)$

_____

$(3y-5)(y-4) - (y-3)(y-5)$

_____

$(4y^2+5)(2y+1) - 3y(y^2-6)$



The area of the above figure is A

Write the expression of A in terms of x