

### MULTIPLYING POLYNOMIALS

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

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

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

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

c is twice the value of d

Find two possible values of p

\_\_\_\_\_ and \_\_\_\_\_

$$(2x+5)^2$$

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

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$$(4x-3)^2$$

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

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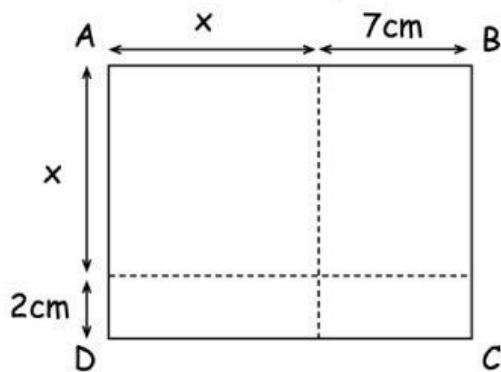
In a given rectangle , the length of the rectangle is  $(x+9)$ cm and the width of the rectangle is  $(x-1)$ cm .Form an expression for the area of the rectangle.

$$A = \underline{\hspace{2cm}}$$

Rectangle ABCD is shown below .

The area of the rectangle ABCD =  $230\text{cm}^2$

Write the expression of are in terms of  $x$



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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)  $-8x$

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

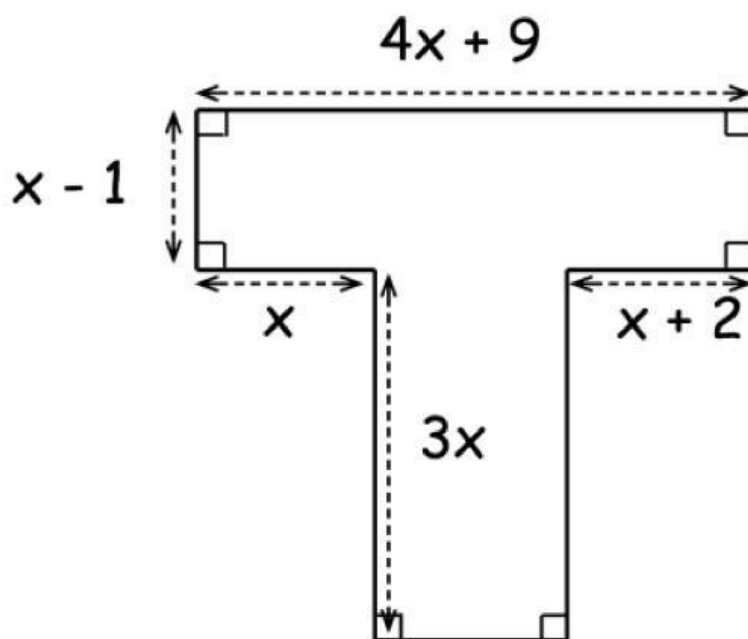
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$$(3y-5)(y-4) - (y-3)(y-5)$$

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

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The area of the above figure is A  
Write the expression of A in terms of x

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