



Aulas de Matemática

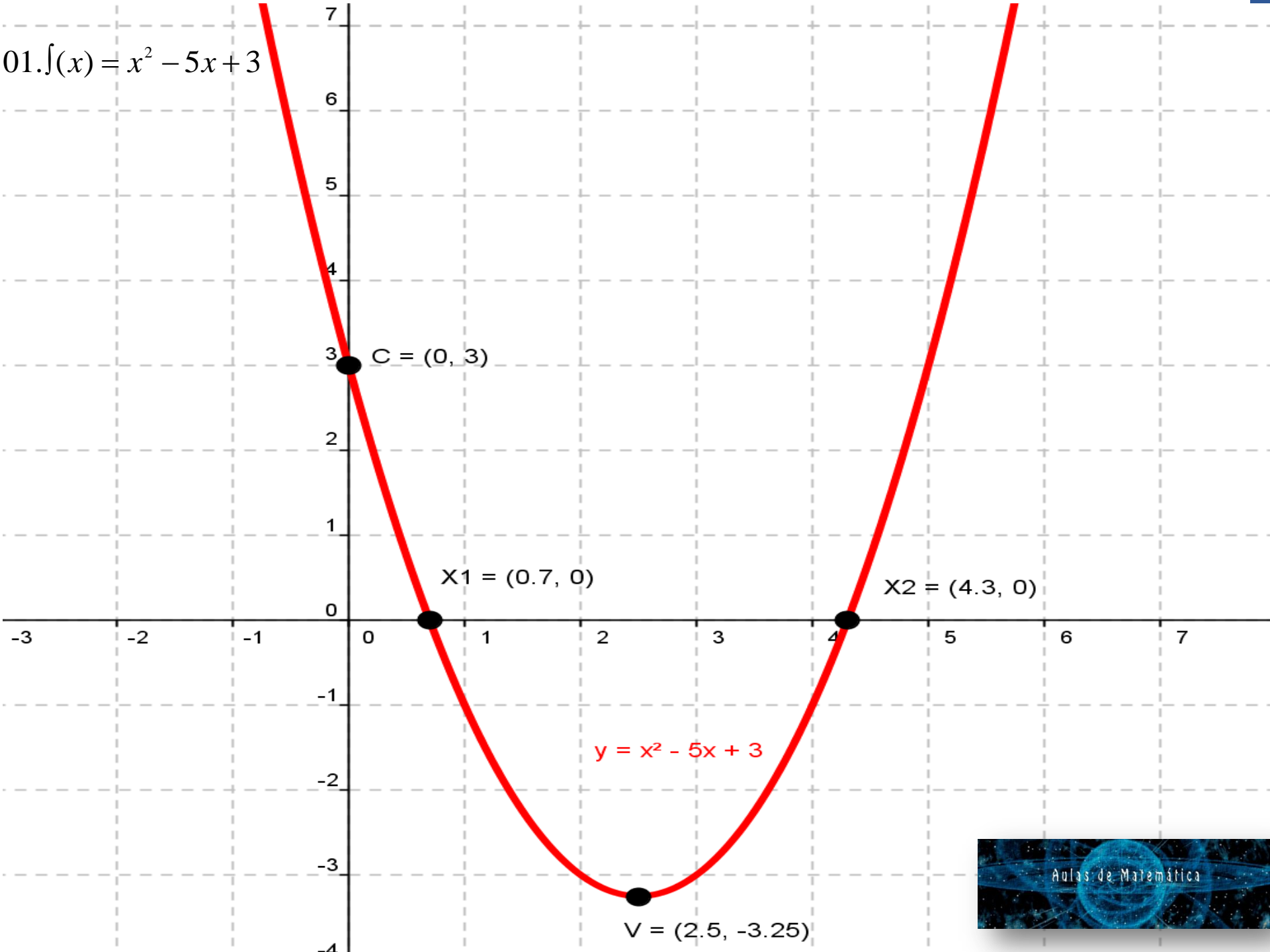
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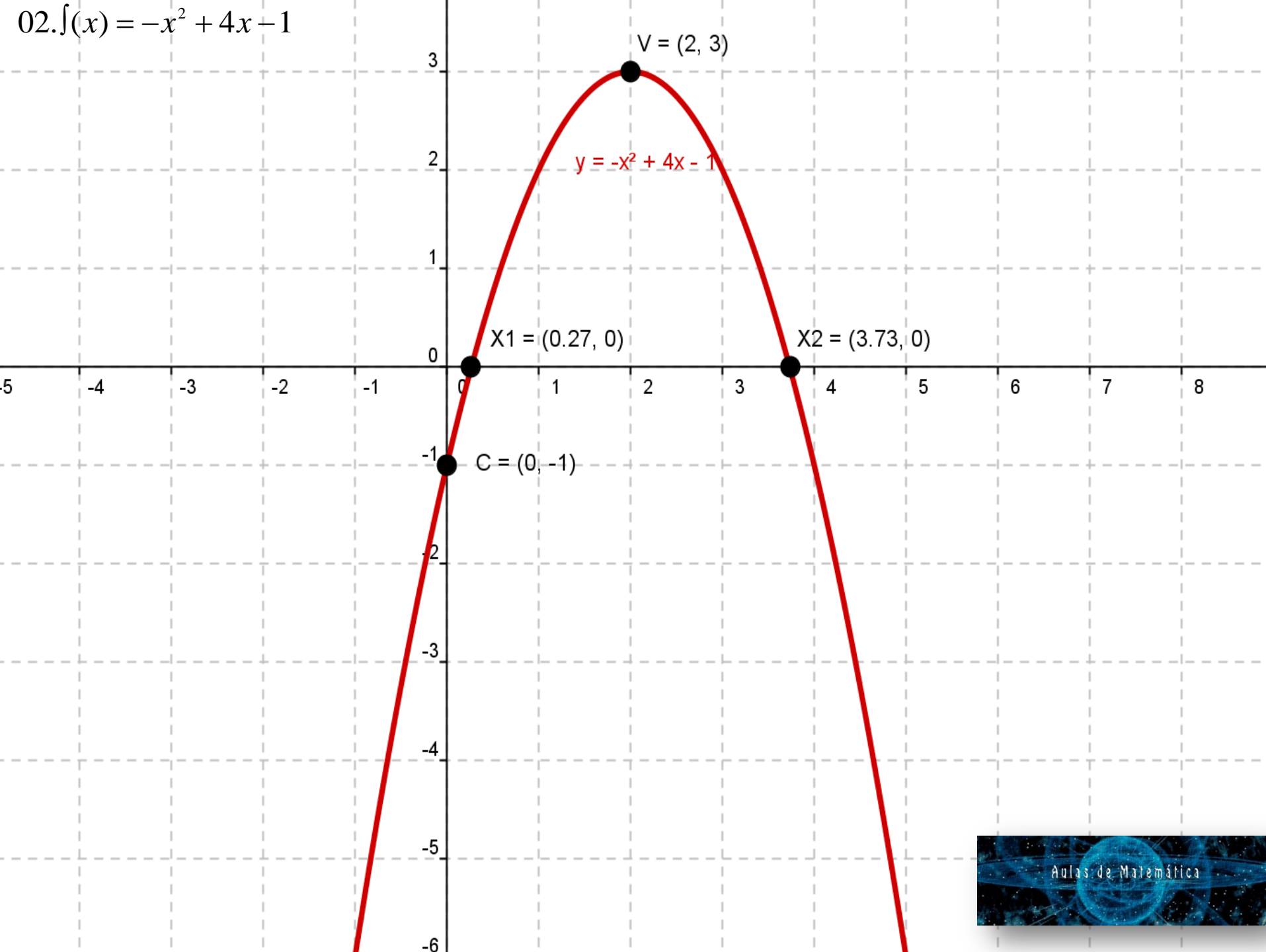


Resolução de funções e construção de gráficos

01. $f(x) = x^2 - 5x + 3$



$$02. f(x) = -x^2 + 4x - 1$$



03. $f(x) = x^2 - 7x + 6$

$C = (0, 6)$

$X1 = (1, 0)$

$X2 = (6, 0)$

$y = x^2 - 7x + 6$

$V = (3.5, -6.25)$



04. $f(x) = -x^2 + 5$

C = (0, 5)

V = (0, 5)

$y = -x^2 + 5$

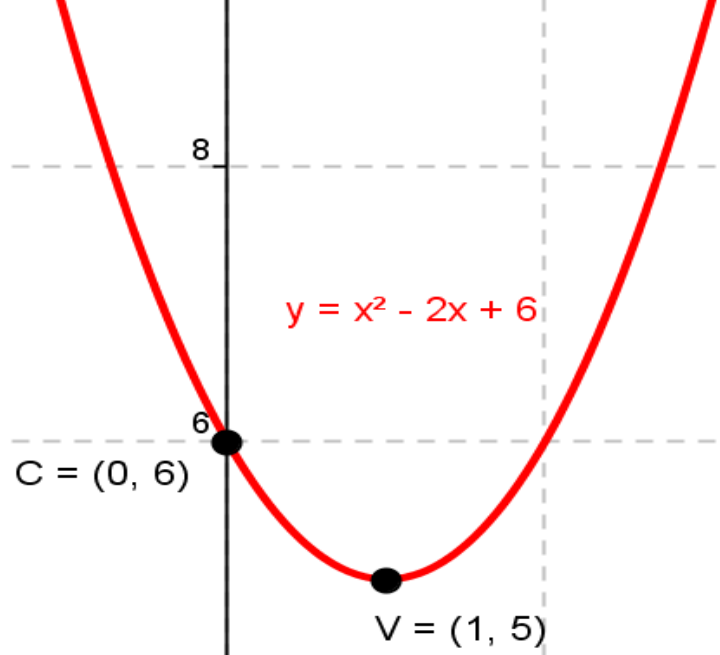
X1 = (-2.24, 0)

X2 = (2.24, 0)

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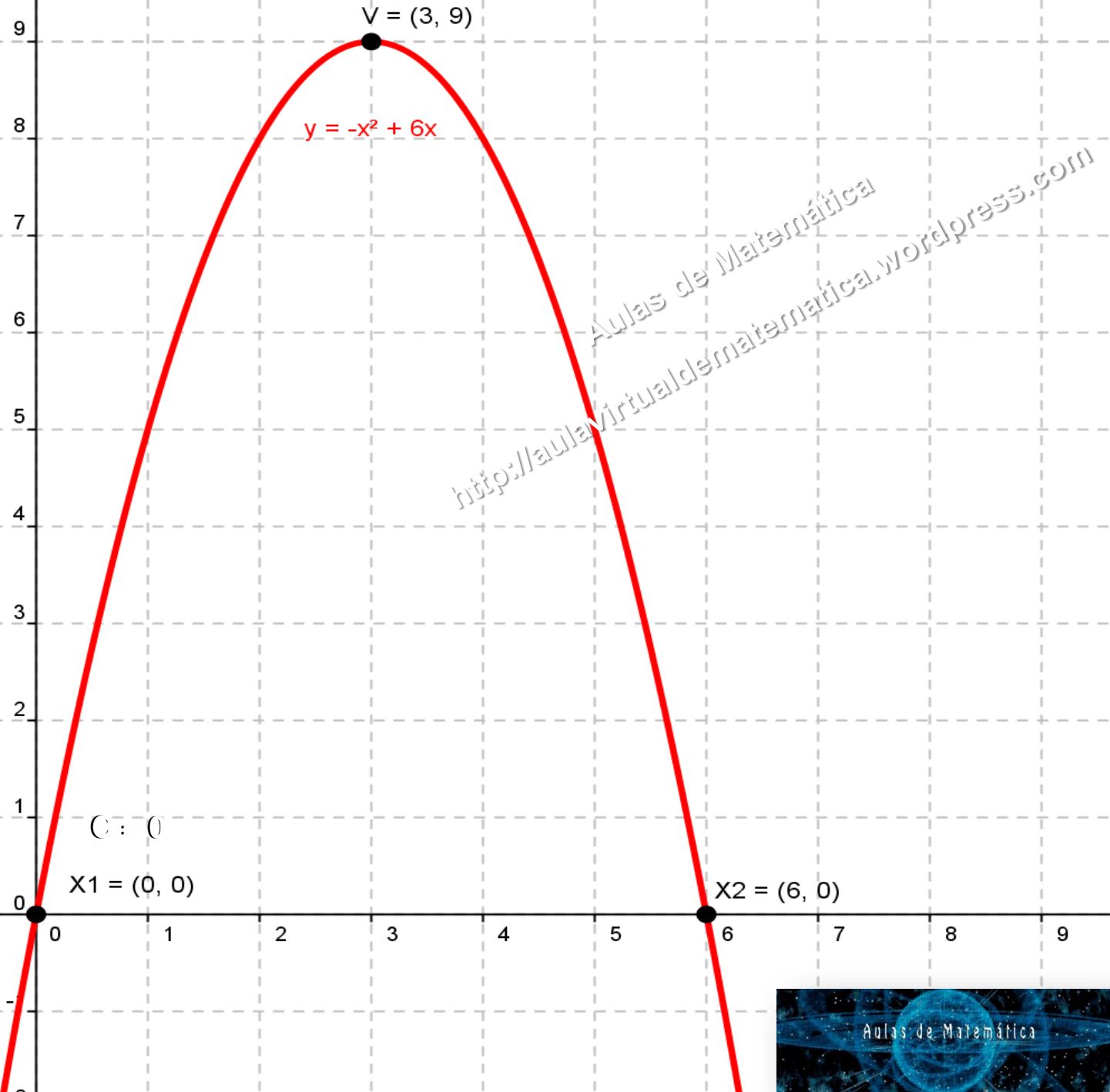
$$05. f(x) = x^2 - 2x + 6$$



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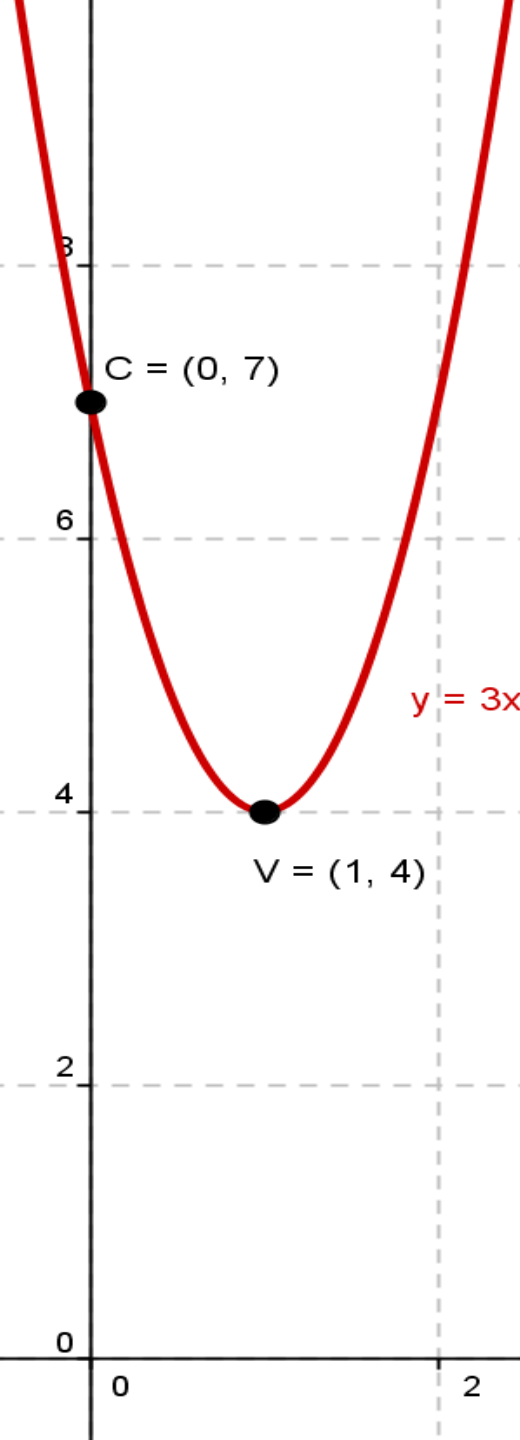


06. $f(x) = -x^2 + 6x$



07. $f(x) = 3x^2 - 6x + 7$

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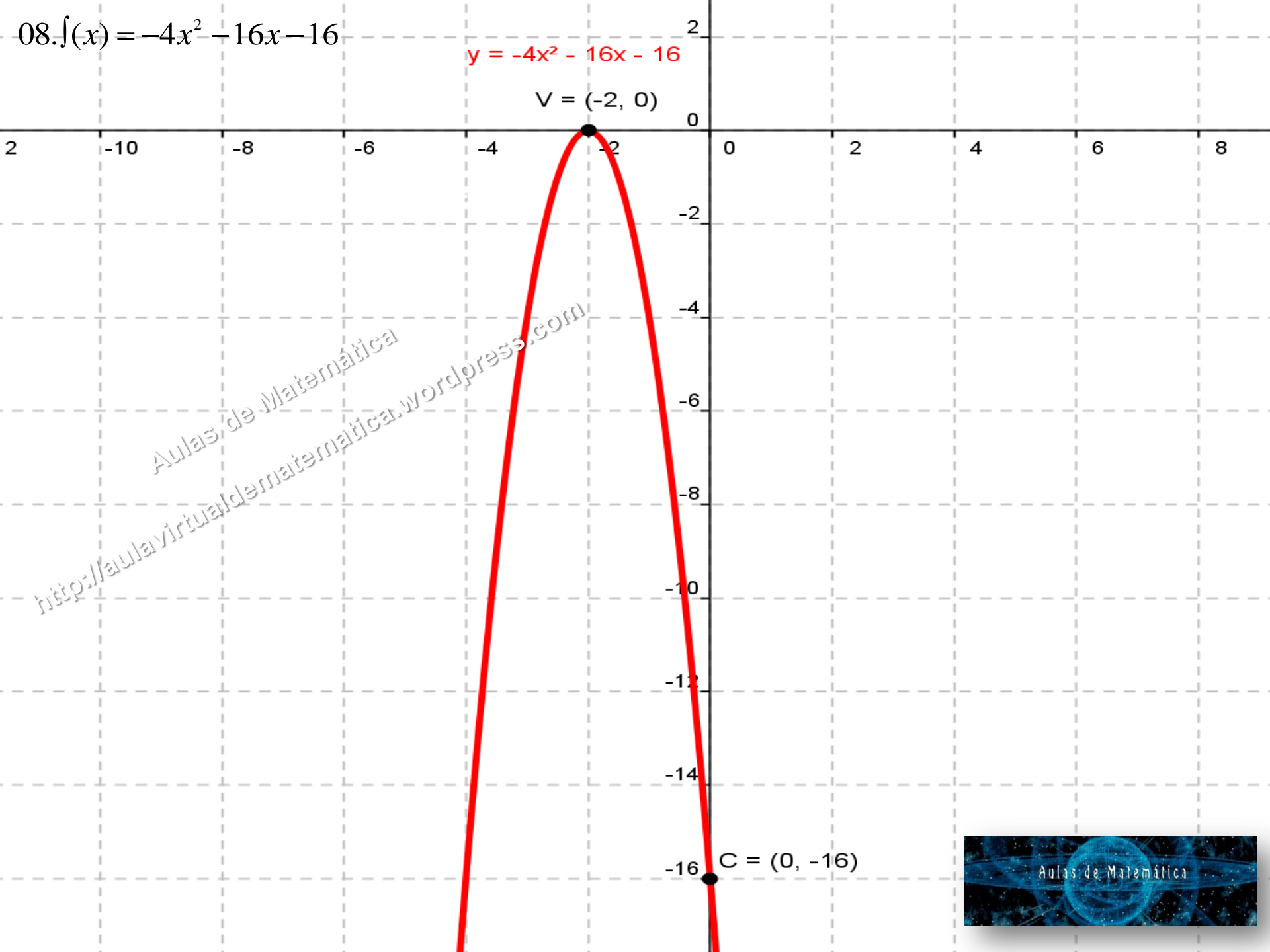


$$08. f(x) = -4x^2 - 16x - 16$$

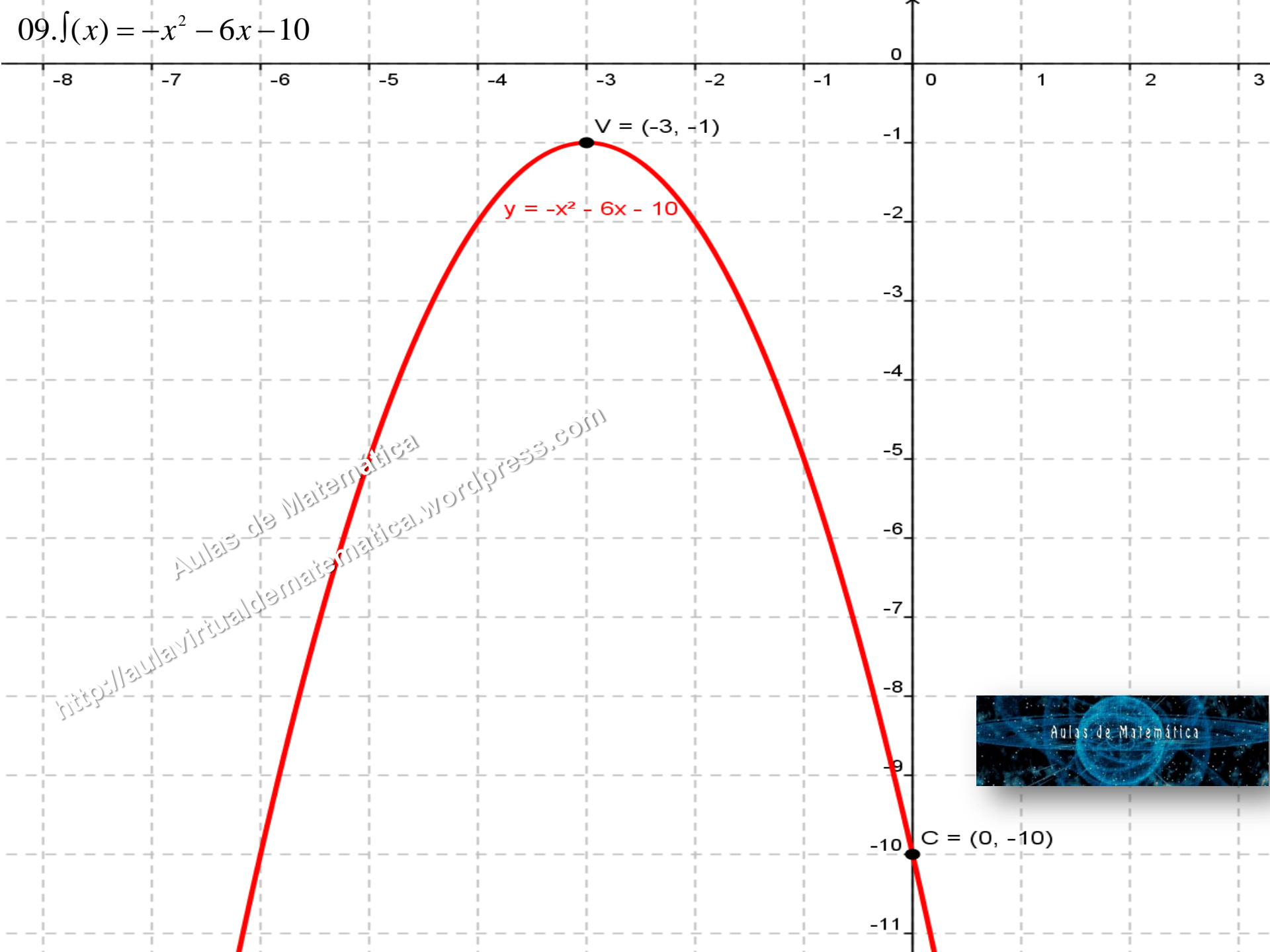
$$y = -4x^2 - 16x - 16$$

$$V = (-2, 0)$$

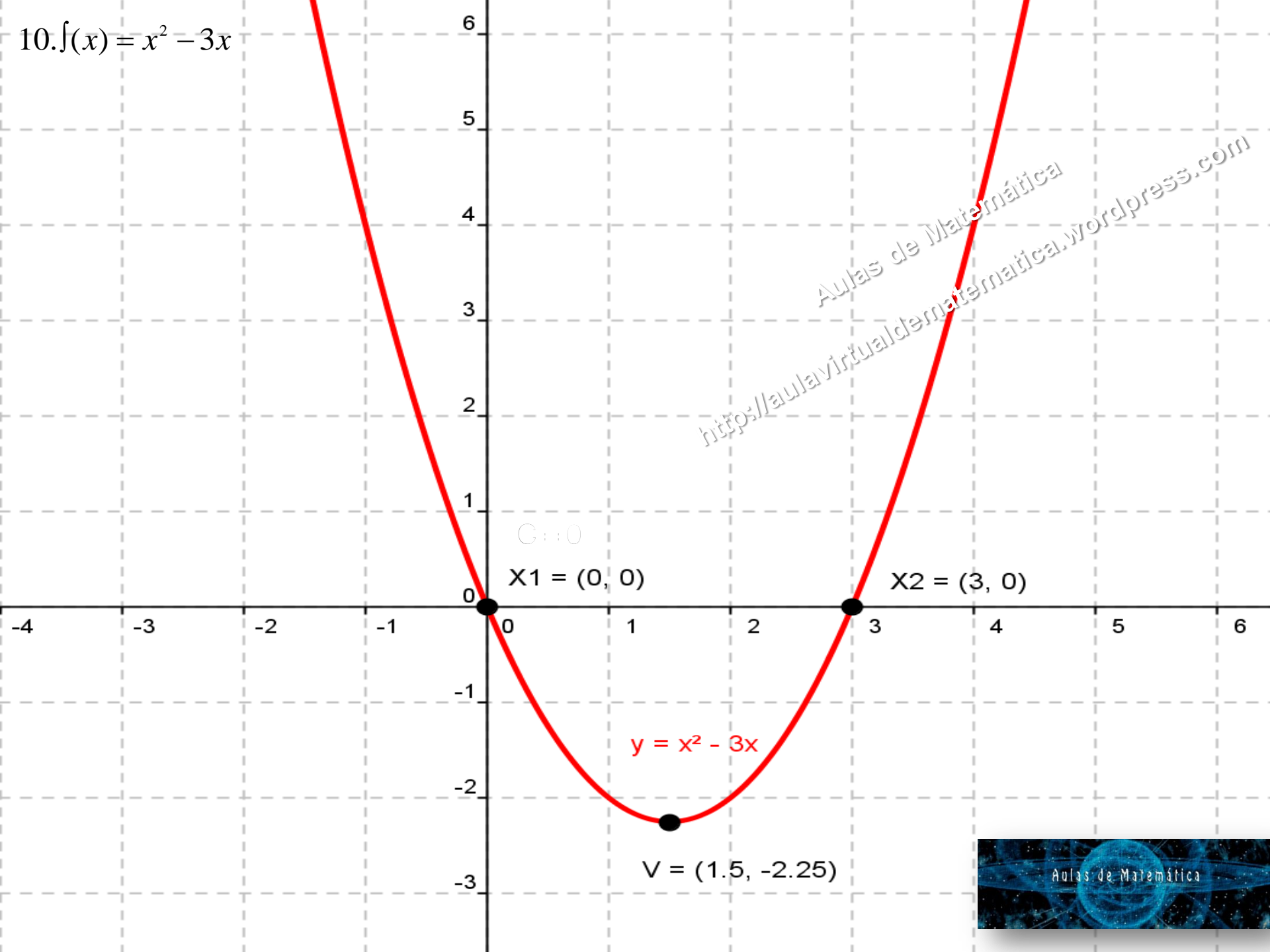
$$C = (0, -16)$$



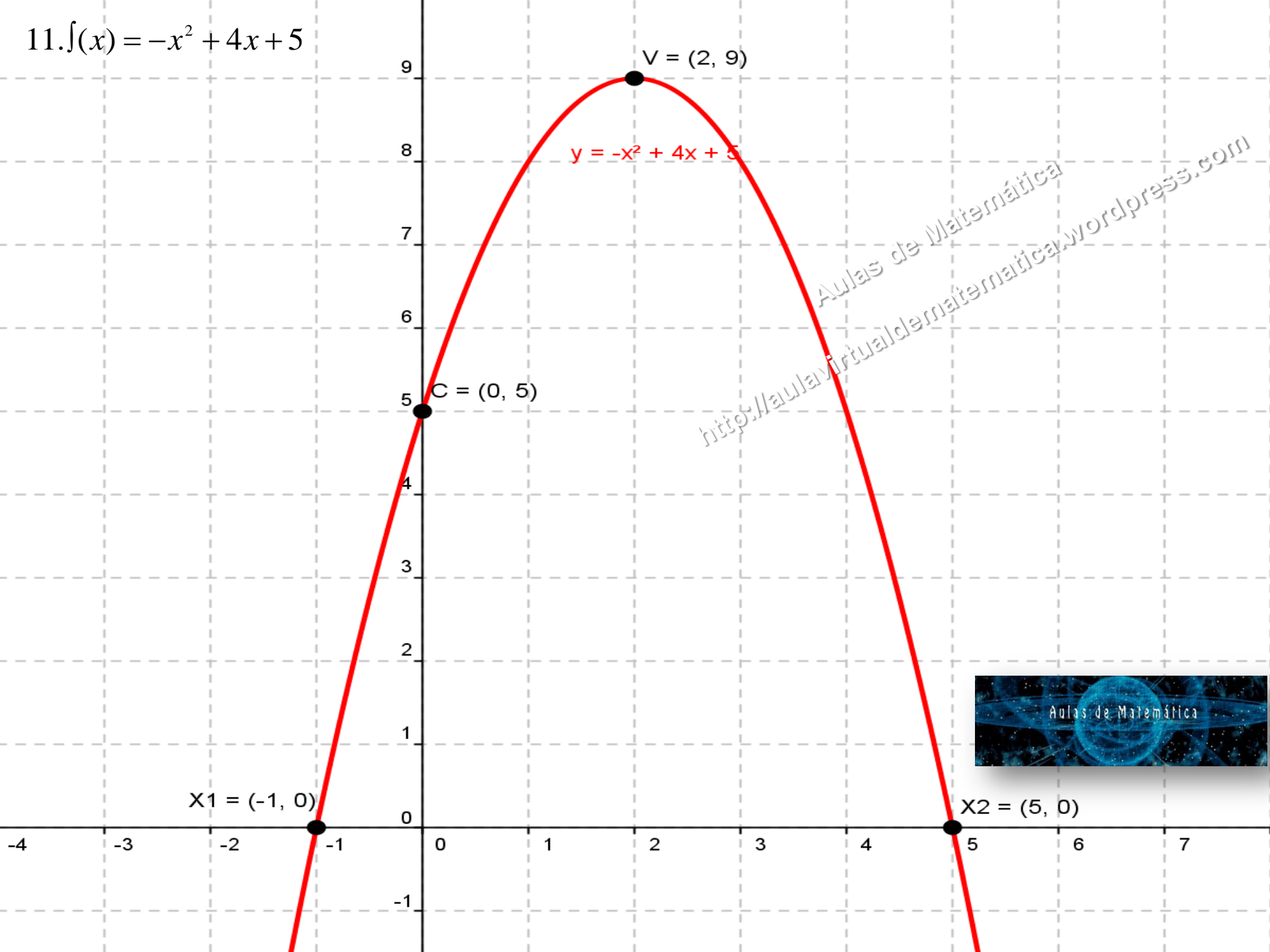
09. $f(x) = -x^2 - 6x - 10$



10. $f(x) = x^2 - 3x$

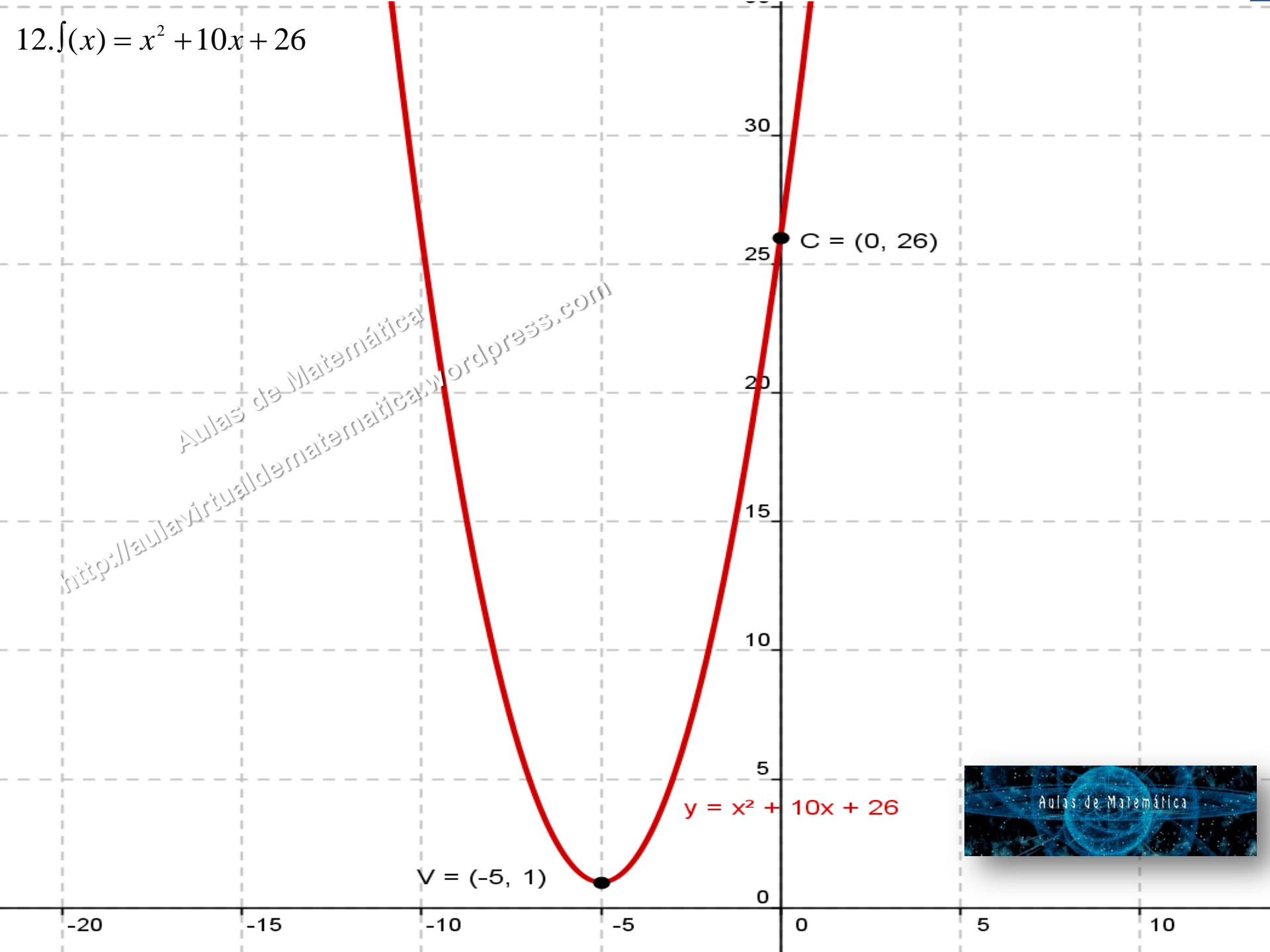


$$11. f(x) = -x^2 + 4x + 5$$



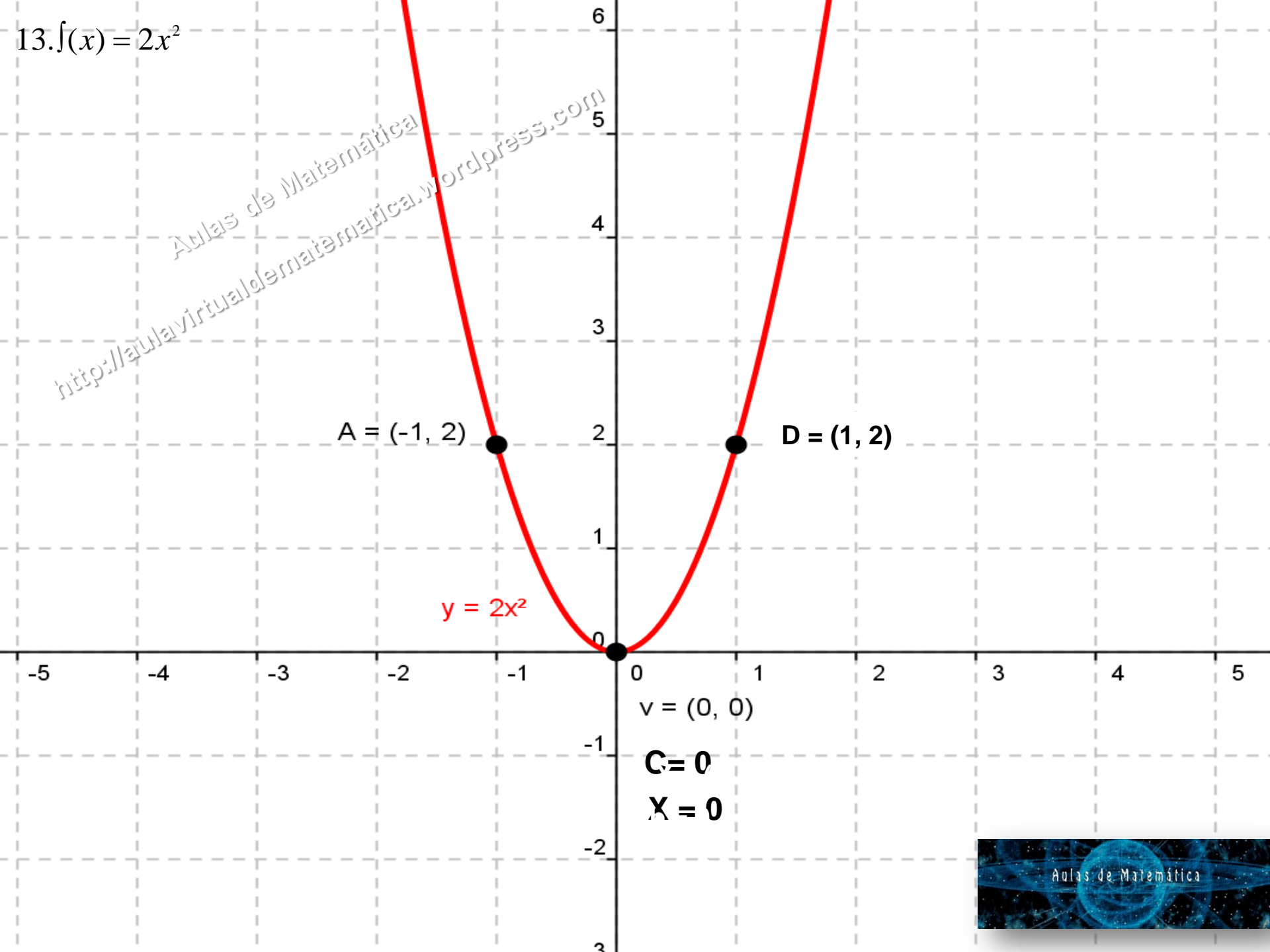
12. $f(x) = x^2 + 10x + 26$

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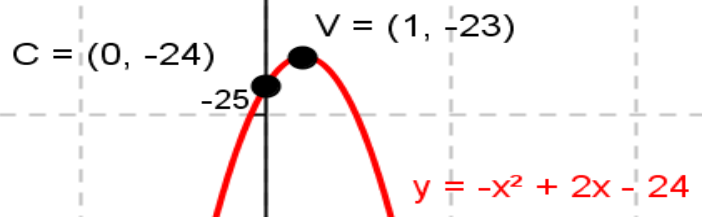
13. $f(x) = 2x^2$

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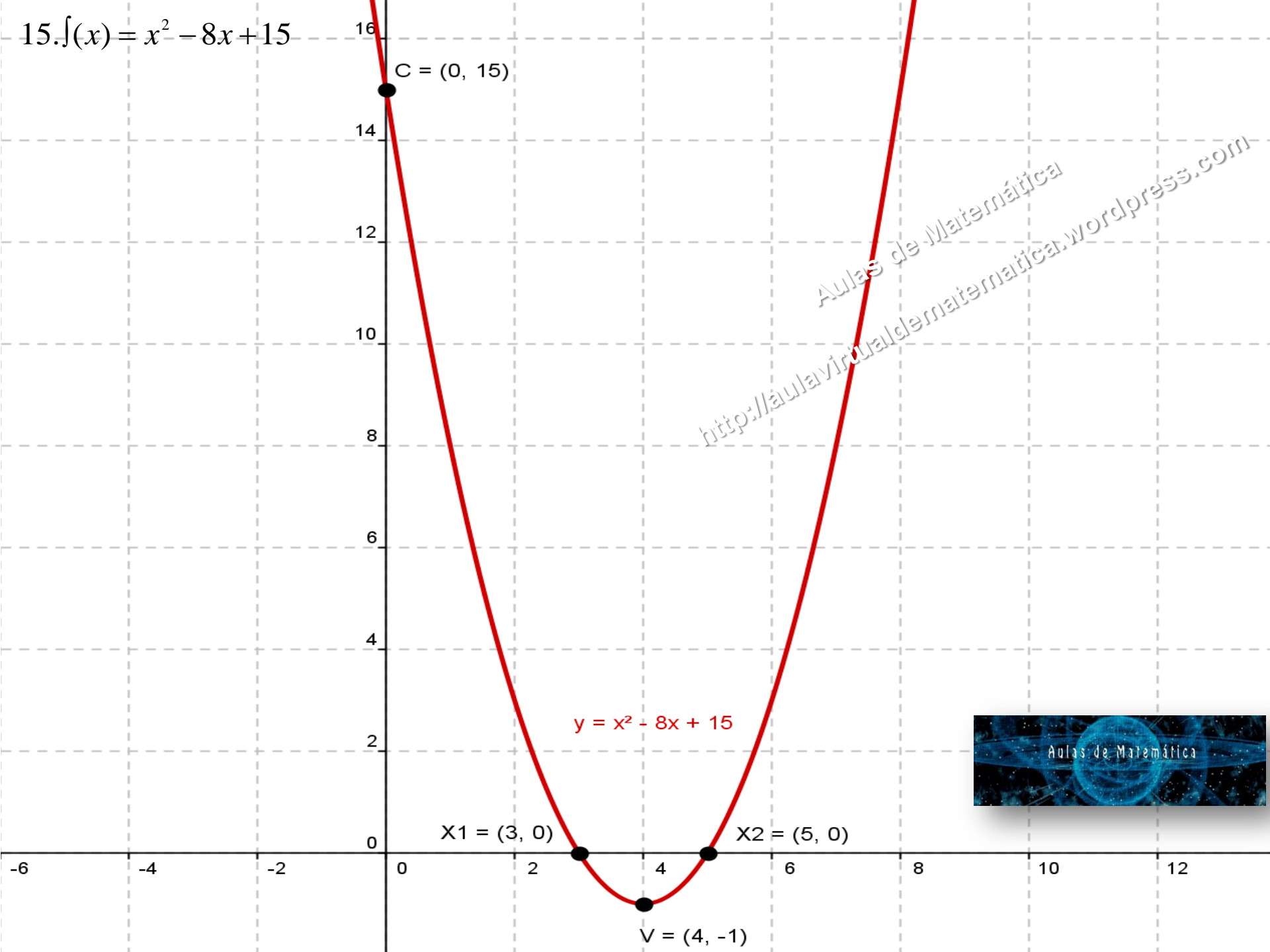


14. $f(x) = -x^2 + 2x - 24$

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15. $f(x) = x^2 - 8x + 15$



$C = (0, 15)$

$y = x^2 - 8x + 15$

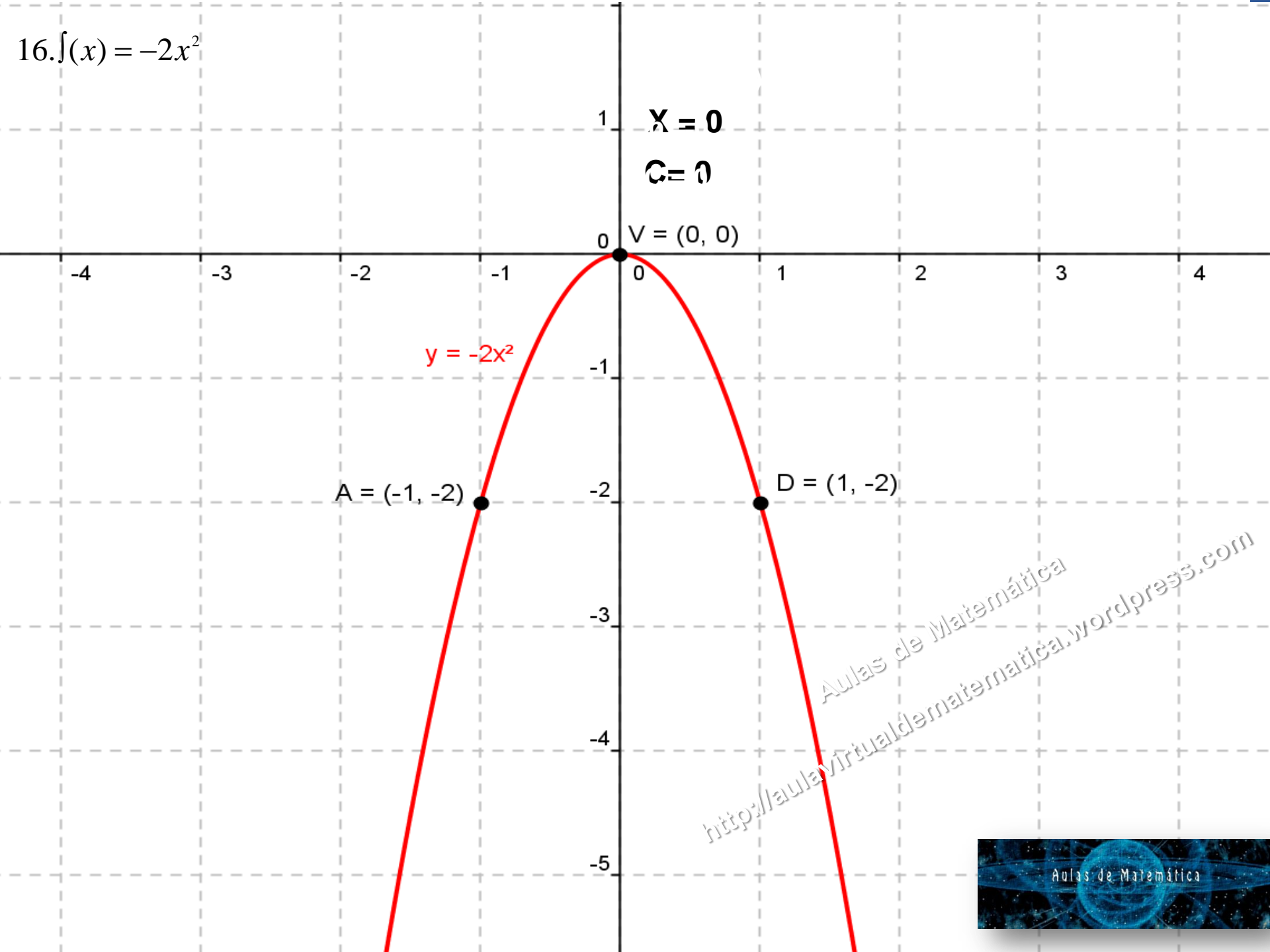
$X1 = (3, 0)$

$X2 = (5, 0)$

$V = (4, -1)$



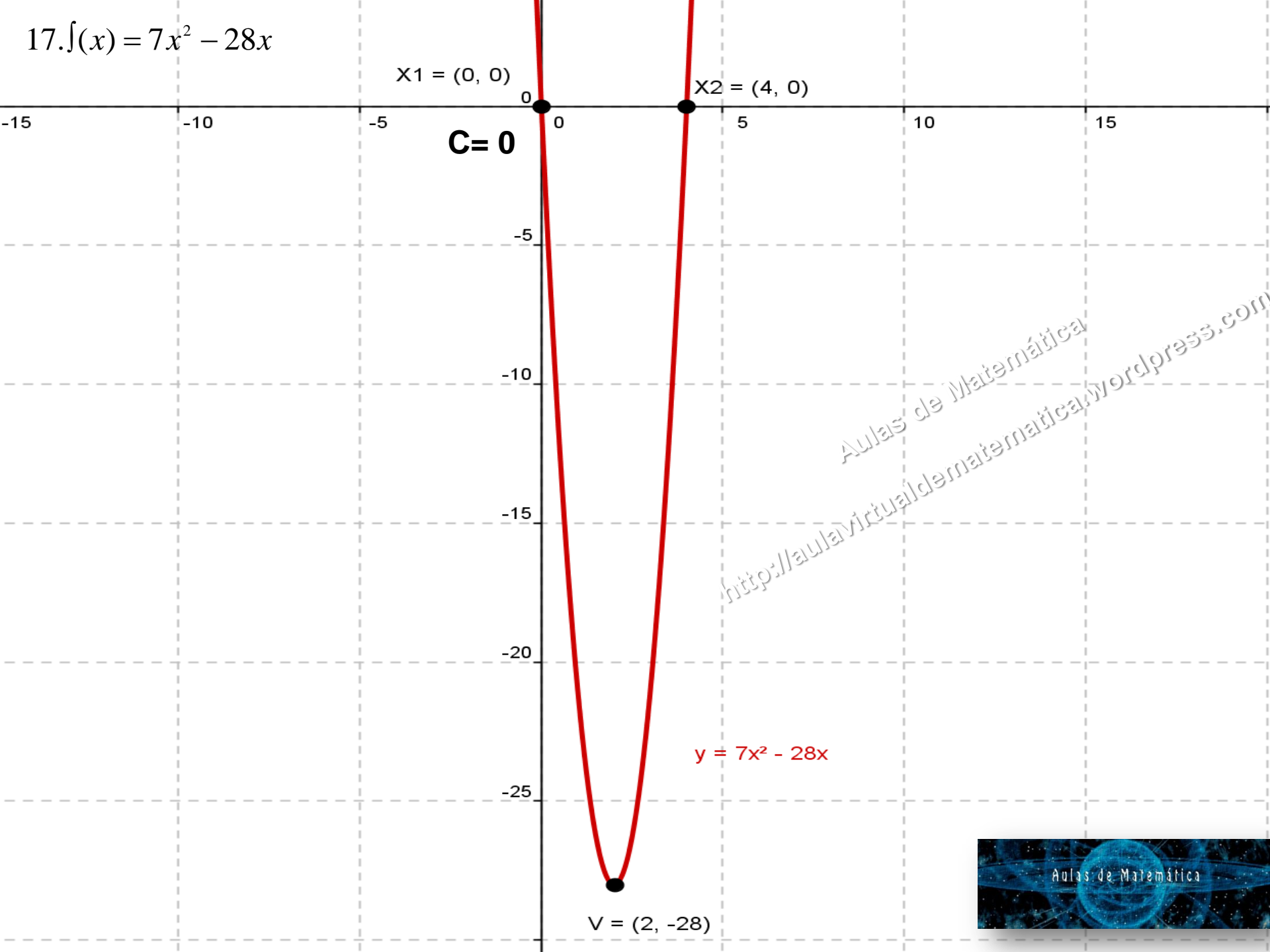
$$16. f(x) = -2x^2$$



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$$17. f(x) = 7x^2 - 28x$$



$X_1 = (0, 0)$

$X_2 = (4, 0)$

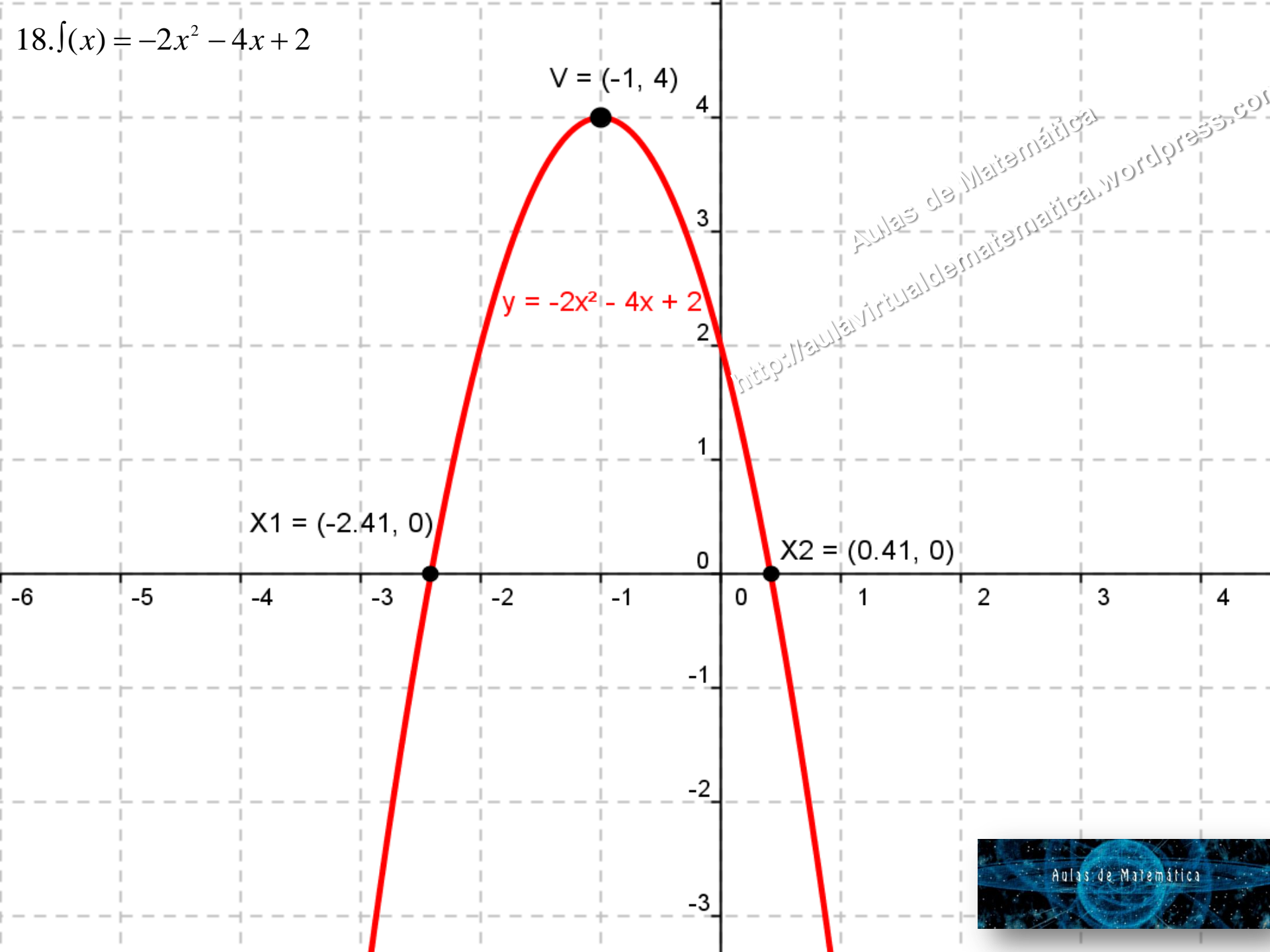
$C = 0$

$y = 7x^2 - 28x$

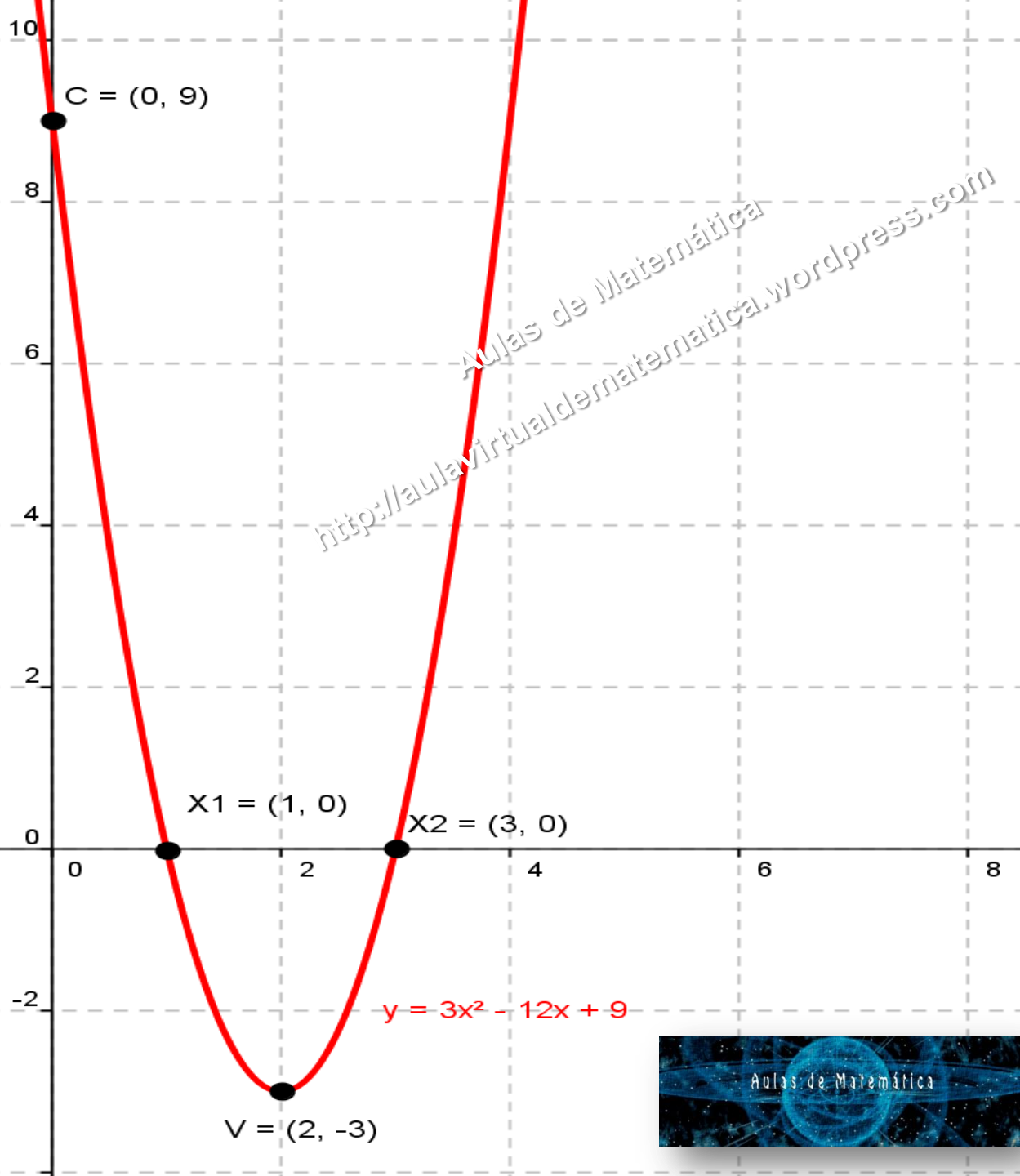
$V = (2, -28)$



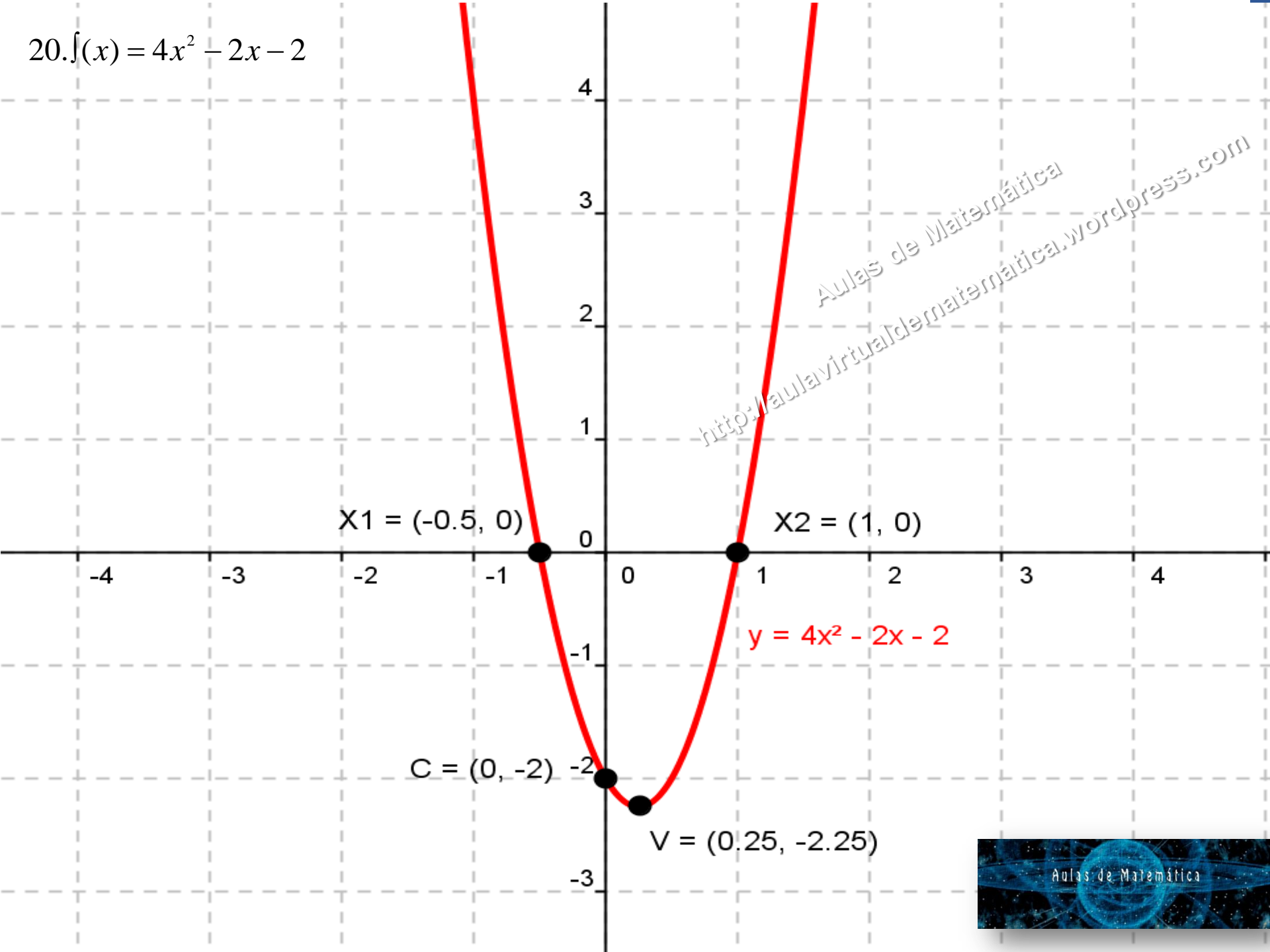
18. $f(x) = -2x^2 - 4x + 2$



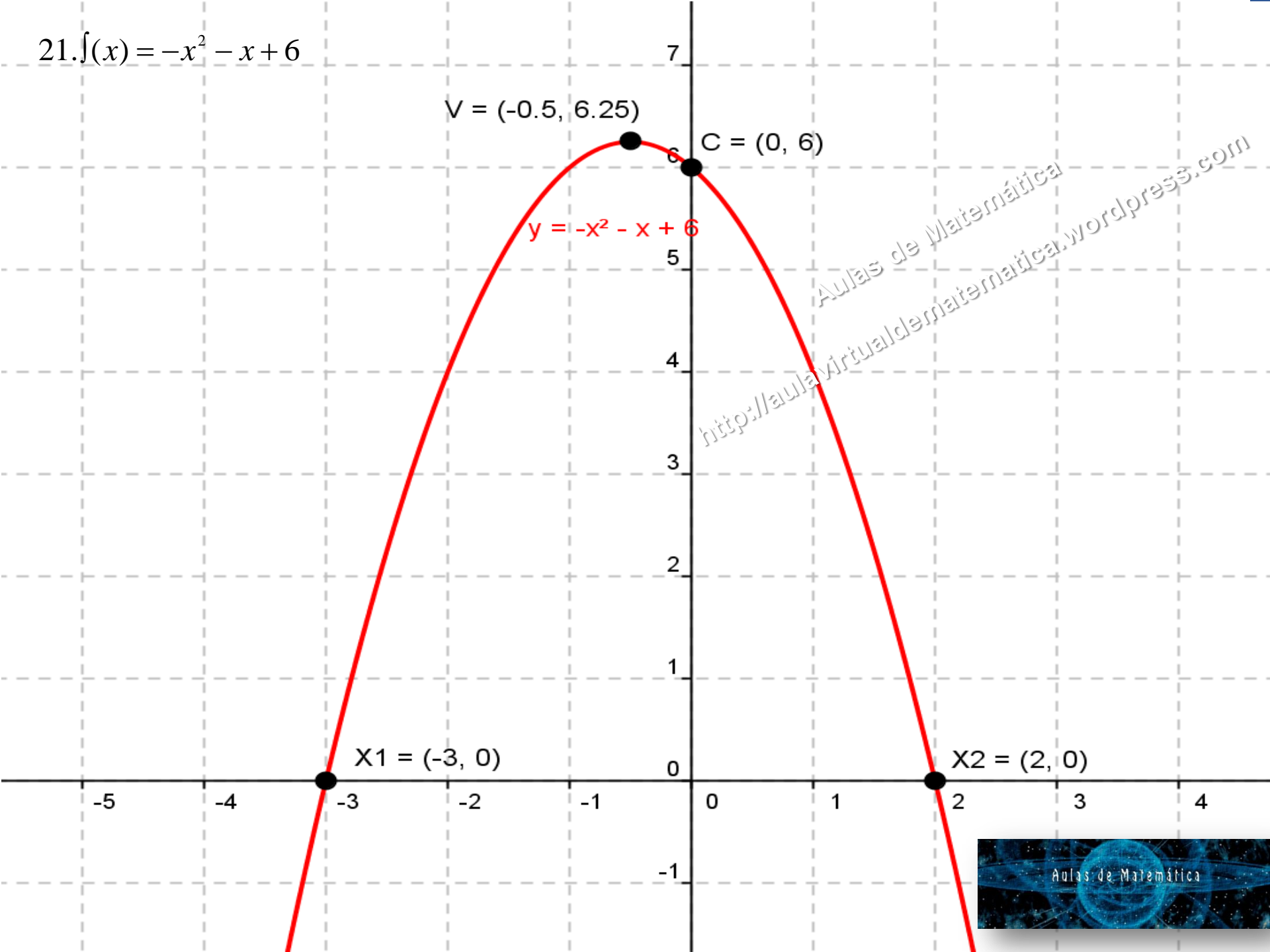
$$19. f(x) = 3x^2 - 12x + 9$$



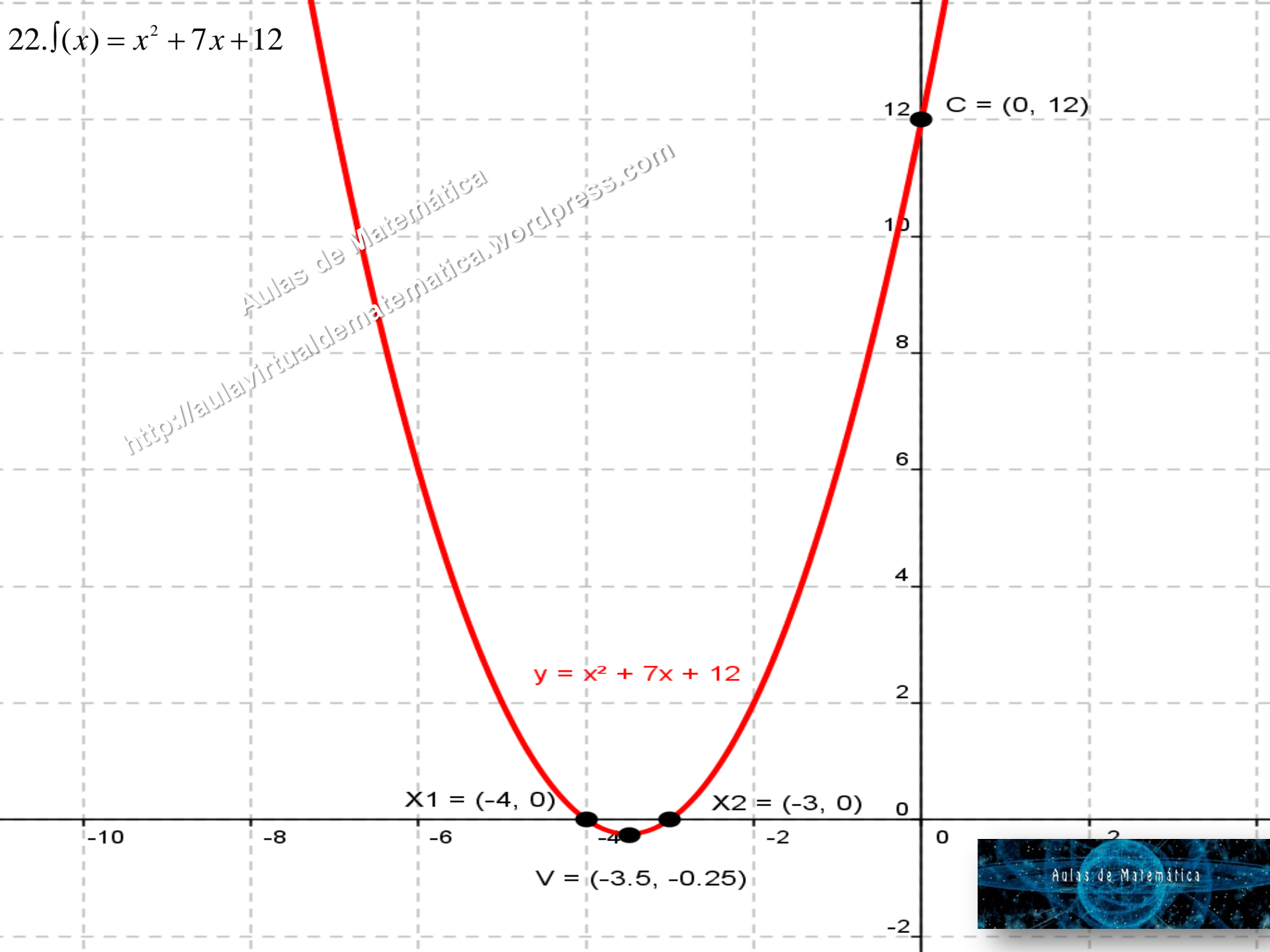
$$20. f(x) = 4x^2 - 2x - 2$$



$$21. f(x) = -x^2 - x + 6$$



$$22. f(x) = x^2 + 7x + 12$$



$$23. f(x) = -x^2 - 16x - 64$$

$$V = (-8, 0)$$

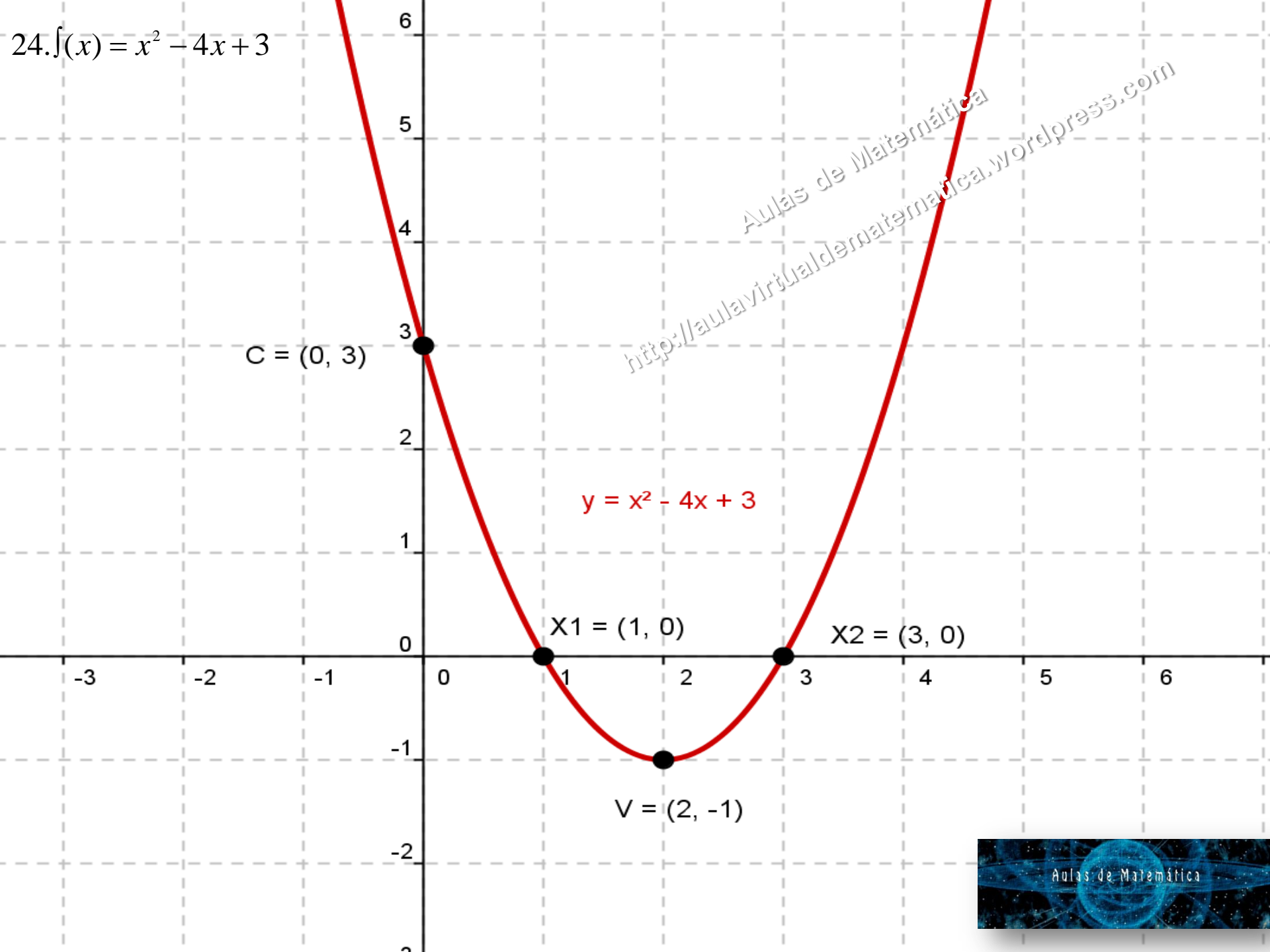
$$y = -x^2 - 16x - 64$$

$$C = (0, -64)$$

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$$24. f(x) = x^2 - 4x + 3$$



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