



ST JOHN'S AMERICAN SCHOOL

PRESCHOOL, ELEMENTARY & JUNIOR HIGH SCHOOL

Math III Second Period

Activity 2.4.- Analysis of variation.

Instructions: Complete the boxes with the corresponding number.

$$f(x) = x^2 - 7x + 12$$

Vertex

Eq. Factored

$$x = -\frac{b}{2a}$$

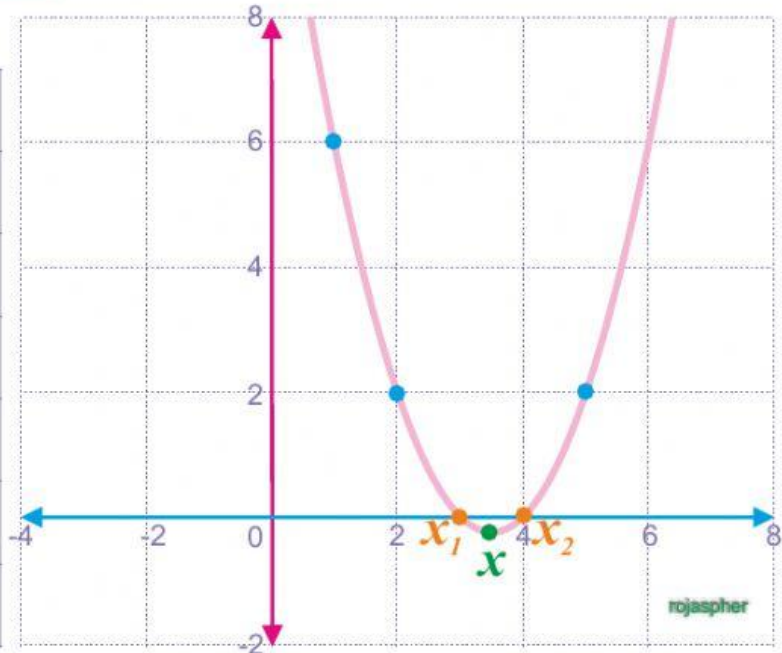
$$x = -\frac{\boxed{}}{\boxed{}(\boxed{})} = \boxed{}$$

$$(x - \boxed{})(x - \boxed{})$$

Roots

$$x_1 = \boxed{}; x_2 = \boxed{}$$

x	$y = f(x)$
1	$1^2 - 7(1) + 12 = 6$
2	$2^2 - 7(2) + 12 = 2$
3	$3^2 - 7(3) + 12 = 0$
3.5	$3.5^2 - 7(3.5) + 12 = -.25$
4	$4^2 - 7(4) + 12 = 0$
5	$5^2 - 7(5) + 12 = 2$



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