$$P(x) = x^2 - 11x + k$$

In the function above, k is a constant. If 2 is a zero of the function, what is the value of k ?

A) -18

B) -2

C) 3

D) 18

$x = 2$

$(x-2)(x-9)$ Factors.

$a = 1$

$b = -11$

$c = K$

$-2 \times -9 = K$

$K = 18$

2nd method $2^2 - 11(2) + K = 0$

$4 - 22 + K = 0$

$K = 18$