$s = k^{-1}(m + dr) \mod 19$

$s = 2(26 + 7(7)) = 2(26 + 49) = \cancel{2(18)}$ $\cancel{300}$

$36 \equiv 17 \mod 19$

verificar

$w = s^{-1} \mod 19$

$= 17^{-1} = 9 \mod 19$

$u_1 = mw = 26(9) = 6$

$u_2 = wr = 9(7) = 6$

$X = 6P + 6Q = (16, 13) + 6(0, 6)$

$2Q = 2(0, 6)$

$x_3 = \left(\frac{3(0^2) + 2}{2(6)}\right)^2 - 2(0) = \left(\frac{2}{12}\right)^2 = \left(\frac{1}{6}\right)^2 = 3^2$
$= 9$

$y_3 = 3(0 - 9) - 6 = 7 - 6 = 1$

$4Q = 2(9, 1)$

$x_3 = \left(\frac{3(9^2) + 2}{2}\right)^2 - 18 = \left(\frac{3(13) + 2}{2}\right)^2 - 18 = \left(\frac{7}{2}\right)^2 - 18$

$(12)^2 - 18 = 7$

$y_3 = 12(9 - 7) - 1 = 24 - 1 = 23 = 6$

$4Q = (7, 6)$

$6Q = 2Q + 4Q = (9,1) + (7,6)$

$x_3 = \left(\frac{6-1}{7-9}\right)^2 - 7 - 9 = \left(\frac{5}{15}\right)^2 - 16 = \left(\frac{1}{3}\right)^2 + 1 = (6)^2 + 1 = 3$

$y_3 = 6(9-3) - 1 = 36 - 1 = 1$

$6Q = (3,1)$

$X = (16, 13) + (3, 1)$

$x_3 = \left(\frac{13-1}{16-3}\right)^2 - 16 - 3 = \left(\frac{12}{13}\right)^2 - 19 = (14)^2 - 19$

$= 9 + 15 = 24 = 7$

$y_3 = 14(3-7) - 1 = 14(13) - 1 = 12 - 1 = 11$

+300