Jose David Morales / U00137642 / Matemáticas Computacionales / Taller 9

$$\frac{40}{100} = 0,4$$

$$-6,52 (1,2 X^2 - 1,5 X + 3) * \frac{40}{100} = -5,21$$

$$\frac{-5,21 + 1,2 X - 1,5}{\left(\frac{40}{100}^2\right) * 2} = -6,23$$

$$-6,23 + 1,2 * \left(\frac{40}{100}^3\right) = -6,14$$

Ahora Si
$$f(x) = 2, 1 e^x - 4, 5 X + 2, 25 Y XBase = \left(\frac{40}{100}\right)$$

$$2, 1 e^{\frac{40}{100}} - 4, 5 \left(\frac{40}{100}\right) + 2, 25 = 3, 58$$

$$3, 58 + \left(2, 1 e^{\frac{40}{100}} - 4, 5\right) \left(\frac{40}{100}\right) = 3,03313$$

$$3,03313 + \frac{2, 1 e^{\frac{40}{100}}}{2} * \left(\frac{40}{100}\right) = 3,28376$$

$$3,28376 + \frac{2, 1 e^{\frac{40}{100}}}{6} \left(\frac{40}{100}\right) = 3,31718$$