Aumento Porcentual a Precio Aumentado & Disminución Porcentual a Precio Disminuido

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1 Aumento Porcentual a Precio Aumentado

$$\%_A = \frac{P_A - P_i}{P_i} \times 100$$

$$P_i \times (\%_A) = (P_A - P_i) \times 100$$

$$P_i \times (\%_A) = P_A \times 100 - P_i \times 100$$

$$P_i \times (\%_A) + P_i \times 100 = P_A \times 100$$

$$P_i(\%_A + 100) = P_A \times 100$$

$$P_A \times 100 = P_i(\%_A + 100)$$

$$P_A = \frac{P_i(\%_A + 100)}{100}$$

$$P_A = P_i \left(\frac{\%_A + 100}{100} \right)$$

$$P_A = P_i \left(\frac{\%_A}{100} + \frac{100}{100} \right)$$

$$P_A = P_i \left(\frac{\%_A}{100} + 1 \right)$$

$$P_A = P_i \left(1 + \frac{\%_A}{100} \right)$$

2 Disminución Porcentual a Precio Disminuido

$$\%_D = \frac{P_i - P_D}{P_i} \times 100$$

$$P_i \times (\%_D) = (P_i - P_D) \times 100$$

$$P_i \times (\%_D) = P_i \times 100 - P_D \times 100$$

$$P_i \times (\%_D) - P_i \times 100 = -P_D \times 100$$

$$P_i(\%_D - 100) = -P_D \times 100$$

$$-P_D \times 100 = P_i(\%_D - 100)$$

$$P_D = \frac{P_i(\%_D - 100)}{-100}$$

$$P_D = P_i\left(\frac{\%_D - 100}{-100}\right)$$

$$P_D = P_i\left(\frac{\%_D}{-100} - \frac{100}{-100}\right)$$

$$P_D = P_i\left(-\frac{\%_D}{100} + 1\right)$$

$$P_D = P_i\left(1 - \frac{\%_D}{100}\right)$$