

ACADEMIA VIRTUAL



OPERADORES MATEMÁTICOS



933505841

1.- Si:

$$\boxed{x} = \sqrt{x} + 3$$

Calcular :

$$\boxed{4} =$$

Desarrollo:

$$\boxed{} = \sqrt{} +$$

$$\boxed{} = +$$

$$\boxed{} =$$

2.- Si:

$$\boxed{x-3} = \sqrt{x} + 5$$

Calcular :

$$\boxed{1} =$$

Desarrollo:

$$\boxed{} = \sqrt{} +$$

$$\boxed{} = +$$

$$\boxed{} =$$

3.- Si:

$$\boxed{2x-3} = \sqrt{x} + 3$$

Calcular :

$$\boxed{15} =$$

Desarrollo:

$$\boxed{} = \sqrt{} +$$

$$\boxed{} = +$$

$$\boxed{} =$$

4.- Si:

$$\boxed{x-2} = x^2 + 7$$

Calcular :

$$\boxed{2} =$$

Desarrollo:

$$\boxed{} = +$$

$$\boxed{} = +$$

$$\boxed{} =$$

5.- Si: $a \# b = 2(b \# a) - a$

Calcular :

$$3 \# 6 =$$

Desarrollo:

$$a \# b = 2[(a \# b) - b] - a$$

$$a \# b = 2(a \# b) - 2b - a$$

$$2b - a = 2(a \# b) - a \# b$$

$$2b - a = a \# b$$

$$2(\quad) - \quad = a \# b$$

$$\quad - \quad = a \# b$$

$$= a \# b$$

6.- Si: $a \# b = 4(b \# a) - a$

Calcular :

$$5 \# 10 =$$

Desarrollo:

$$a \# b = 4[(a \# b) - b] - a$$

$$a \# b = 4(a \# b) - 4b - a$$

$$4b - a = 2(a \# b) - a \# b$$

$$4b - a = a \# b$$

$$4(\quad) - \quad = a \# b$$

$$\quad - \quad = a \# b$$

$$= a \# b$$