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de Loja

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Asignatura: Fundamentos Computacionales

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Resolver los siguientes ejercicios

1) Si

a = 10 determine x:

b = 2

c = 1

$x = a^1 b + 1$

$x = 10^2 + 1$

$x = 100 + 1$

$x = 101$ //

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2) Si

a = 10

b = 2 determine x:

c = 1

$x = a * b + 1$

$x = 10 * 2 + 1$

$x = 21$ //

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3) Si

a = 10

b = 2 determine x

c = 1

$x = (a * b + 1) <= 9$

$x = (10 * 2 + 1) <= 9$

$x = 21 <= 9$

$x =$ false

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4) Si

a = 10

b = 2 determine x

c = 1

$x = x = (a * b + 1) <= 9$ and true or false

$x = (10 * 2 + 1) <= 9$ and true or false

$x = 21 <= 9$ and true or false

$x =$ false and true or false

$x =$ false or false

$x =$ true

5) X = 10 * 2 + 1 * 10 - 1

X = 20 + (1 * 10) - 1

X = 20 + 10 - 1

X = 29 //

6)

a = false X = a or b and c

b = true X = false or true and false

c = false X = true and false

X = false //

7)

a = false X = ~~10 + 40~~ (10 * 1 - 2 ^ 2) >= 10 and not (false or true and false)

b = true X = (10 - 4) >= 10 and not false or true and false

c = false X = false and not (false)

X = false and true

X = ~~False~~ // = False

8)

a = True X = ((a <> b) or (a <= b))

b = false X = ((True <> false) or (True <= false))

X = True or false

X = True //

9) X = 20 + 40 DiV (10 * (4 DiV 2))

X = 20 + 40 DiV (10 * 2)

X = 20 + 40 DiV 20

X = 20 + 2

X = 22 //