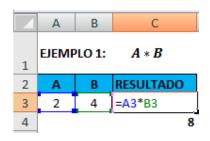
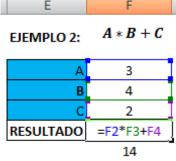
FORMULAS EN UNA HOJA DE CÁLCULO

Realizar los siguientes ejemplos de aplicación de formulas en una hoja de cálculo:

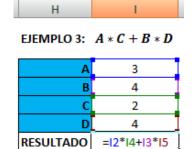
1. A=2 y B=4 realizar A * B



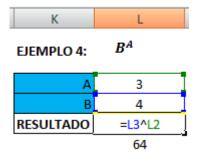
2. A=3, B=4 y C=2 realizar A * B + C



3. A=3, B=4, C=2 Y D=4 realizar A * C + B * D

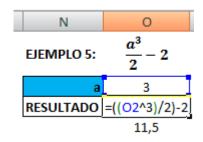


4. A=3 Y B=4 realizar B^A en Excel es B^A



22

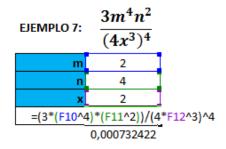
5. A=3 realizar $\frac{a^3}{2}$ – 2 en Excel ((A^3)/2)-2



6. **a=2 y b=4, realizar** $\left(-\frac{a^2b^4}{2}\right)^5$ en Excel es $((a^2*b^4)/2)^5$

8	EJEMPLO 6:	$\left(-\frac{a^2b^4}{2}\right)^5$				
10	a	2				
11	b	4				
12	RESULT =(-(C	10^2*C11^4)/2)^5				
13	-3,51844E+13					

7. m=2, n=4, x=2. Realizar: $\frac{3m^4n^2}{(4x^3)^4}$

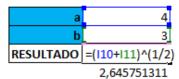


Recordar que:

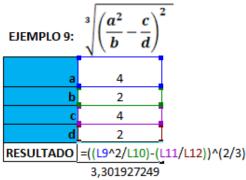
$$\sqrt[b]{a^c} = a^{\frac{c}{b}} = a^{\wedge}(c/b)$$

8. a=4 y b=3. Realizar: $\sqrt{a+b}$

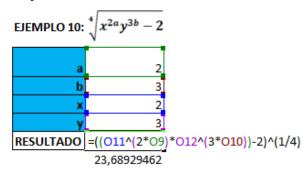
EJEMPLO 8:
$$\sqrt{a+b}$$



9. a=4, b=2, c=4 y d=2. Realizar: $\sqrt[3]{\left(\frac{a^2}{b} - \frac{c}{d}\right)^2}$



10. a=2, b=3, x=2, y=3. Realizar: $\sqrt[4]{x^{2a}y^{3b}-2}$



Realizar los siguientes ejercicios en una hoja de cálculo.

EJERCICIO 205

1.
$$(4a^2)^2$$

2.
$$(-5a)^3$$

12.
$$(a^2b^3c)^m$$

11. $(-3m^3n)^3$

$$19. \left(-\frac{3x^2}{4y}\right)^2$$

3.
$$(3xy)^3$$

4.
$$(-6a^2b)^2$$

14.
$$(-3a^2b)^5$$

14.
$$(-3a^2b)^5$$

$$(b)^5$$

13.
$$\left(-m^2nx^3\right)^4$$
 20. $\left(-\frac{2ab^2}{3m^3}\right)^4$

5.
$$(-2x^2y^3)^3$$

6. $(4a^2b^3c^4)^3$

7.
$$(-6x^4y^5)^2$$

16.
$$\left(-\frac{x}{2y}\right)^2$$
 22. $\left(-\frac{3a^3b^2}{4}\right)$

14.
$$(-3a^2b)^5$$

15. $(7x^5y^6z^8)^2$ **21.** $(\frac{2m^3n}{3x^4})^5$

	а	2	1	256	13	8503056
	b	1	2	-1000	14	-248832
	С	2	3	729	15	1,24551E+14
١	² m	1	4	576	16	2,25
١	n	2	5	-5832	17	-0,125
	х	3	6	16777216	18	0,064
	у	1	7	236196	19	45,5625
		_	_	44000404		

8.
$$(-7ab^3c^4)^{\frac{1}{2}}$$

$$17. \left(-\frac{2m}{n^2}\right)^3$$

17.
$$\left(-\frac{2m}{n^2}\right)^3$$
 23. $\left(-\frac{mn^2}{3}\right)^4$ 2 3

-32

8.
$$(-7ab^3c^4)^3$$

9.
$$(a^m b^n)^x$$

10. $(-2x^3y^5z^6)^4$

18.
$$\left(\frac{ab^2}{5}\right)^3$$
 24. $\left(-\frac{a^2b^4}{2}\right)^5$

EJERCICIO 213

1.
$$\sqrt{4a^2b^4}$$

2.
$$\sqrt{25x^6y^8}$$

4.
$$\sqrt[3]{-8a^3b^6x^{12}}$$

5.
$$\sqrt{64x^8y^{10}}$$

7.
$$\sqrt[5]{x^{15}y^{20}z^{25}}$$

8.
$$\sqrt[3]{-64a^3x^6y^{18}}$$

9.
$$\sqrt[5]{-243m^5n^{15}}$$

10.
$$\sqrt{81x^6y^8z^{20}}$$

11.
$$\sqrt[3]{1.000x^9y^{18}}$$

6.
$$\sqrt[4]{16a^8b^{18}}$$
 13. $\sqrt[6]{64a^{12}b^{18}c^{30}}$

7.
$$\sqrt[5]{x^{15}y^{20}z^{25}}$$
 14. $\sqrt{49a^{2n}b^{4n}}$

15.
$$\sqrt[5]{-x^{5n}y^{10x}}$$

16.
$$\sqrt{\frac{9a^2}{25x^4}}$$

17.
$$\sqrt[3]{-\frac{27a^3}{64x^9}}$$

18.
$$\sqrt[5]{-\frac{a^5b^{10}}{32x^{15}}}$$

19.
$$\sqrt[4]{\frac{a^8}{81b^4c^{12}}}$$

20.
$$\sqrt[7]{\frac{128}{x^{14}}}$$

		٧				V X
а	2		1	4	13	256
b	1		2	135	14	28
С	2		3	6	15	9
m	1		4	-324	16	0,13333333
n	2		5	648	17	-0,0555556
х	3		6	8	18	-0,03703704
у	1		7	6561	19	0,16666667
z	3		8	-72	20	0,2222222
			9	-24	21	0,27272727
			10	14348907	22	-22,5
			11	270	23	0,5
			12	24	24	4,5

21.
$$\sqrt{\frac{x^{2m}}{121y^{4n}}}$$

22.
$$\sqrt[3]{-\frac{125x^9}{216m^{12}}}$$

23.
$$\sqrt[9]{\frac{a^{18}}{b^9c^{27}}}$$

24.
$$\sqrt[10]{\frac{x^{20}}{1.024y^{30}}}$$