

INSTITUTO PRIVADO RAFAEL ARÉVALO MARTÍNEZ

IPRAM



LITZY ROSITA DE LEÓN RAMÍREZ

4TO PERITO EN ADMÓN. DE EMPRESAS

CATEDRA: MATEMÁTICA

CATEDRÁTICA: SANDRA DÍAZ

TAREA NO. 5

CICLO ESCOLAR:

2,021

$$81 + 125 = 206$$

$$5) 6 \times 6 \times 6 - 4 \times 4 \times 4 = 6^3 - 4^3 = \\ 216 - 64 = 152$$

SEMANA 5

$$a) 2^3 + 3^3 + 4^3 = 2 \times 2 \times 2 + 3 \times 3 \times 3 + \\ 4 \times 4 \times 4 = 8 + 27 + 64 = 99$$

$$b) 13^2 + 3^2 + 10^2 = 13 \times 13 + 3 \times 3 + 10 \times 10 = \\ 169 + 9 + 100 = 278$$

$$c) 7^2 - 4^3 = 7 \times 7 - 4 \times 4 \times 4 = 49 - 64 = -15$$

$$d) (122^3) + (122) = 122 \times 122 \times 122 + 122 = 1,815,848 + 122 = 1,815,970$$

$$e) (20^4) - (5^5) = 20 \times 20 \times 20 \times 20 - 5 \times 5 \times 5 \times 5 \times 5 = 160,000 - 3,125 = 156,875$$

$$f) 13^2 + 3^2 + 10^2 = 13 \times 13 + 3 \times 3 + 10 \times 10 = 169 + 9 + 100 = 278$$

$$g) 5^3 + 5^6 + 5^0 = 5 \times 5 \times 5 + 5 \times 5 \times 5 \times 5 \times 5 \times 5 + 0 = 125 + 15,625 = 15,750$$

$$h) (11^2) + (7^2) = 11 \times 11 + 7 \times 7 = 121 + 49 = 170$$

$$i) 100^3 - 6^4 = 100 \times 100 \times 100 - 6 \times 6 \times 6 \times 6 = 1,000,000 - 1,296 = 998,704$$

$$j) 10^4 + 10^5 + 10^7 = 10 \times 10 \times 10 \times 10 + 10 \times 10 \times 10 \times 10 \times 10 \times 10 + 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 10,000 + 100,000 + 10,000,000 = 10,110,000$$

$$k) 6^3 - 3^3 = 6 \times 6 \times 6 - 3 \times 3 \times 3 =$$

$$216 - 27 = 189$$

$$l) 11^2 + 11^4 = 11 \times 11 + 11 \times 11 \times 11 \times 11 =$$

$$121 + 14,641 = 14,762$$

$$m) 2^2 + 2^3 + 2^4 = 2 \times 2 + 2 \times 2 \times 2 + 2 \times 2 \times 2 \times 2 =$$

$$2 \times 2 = 4 + 8 + 16 = 28$$

$$n) 5^2 - 2^4 = 5 \times 5 - 2 \times 2 \times 2 \times 2 =$$

$$25 - 16 = 9$$

Litzy de León.
27-05-21.