

Actividad 1ª

Semana #5 No.

a) $2^3 + 3^3 + 4^3 =$

$$\begin{array}{l} 2 \times 2 \times 2 = 8 \\ 3 \times 3 \times 3 = 27 \\ 4 \times 4 \times 4 = 64 \end{array}$$

$$8 + 27 + 64 = 99$$

b) $13^2 + 3^2 + 10^2 =$

$$\begin{array}{l} 13 \times 13 = 169 \\ 3 \times 3 = 9 \\ 10 \times 10 = 100 \end{array}$$

$$169 + 9 + 100 = 278$$

c) $7^2 - 4^2 + 10^2 =$

$$\begin{array}{l} 7 \times 7 = 49 \\ 4 \times 4 = 16 \\ 10 \times 10 = 100 \end{array}$$

$$49 - 16 + 100 =$$

$$133$$

Genial

$$d) (122^3) (122)$$

$$122 \times 122 \times 122 = 1216,848$$

$$1215,848 + 122 = 1,215,970$$

$$e) (20^9) - (5^5) =$$

$$20 \times 20 \times 20 \times 20 = 160,000$$

$$5 \times 5 \times 5 \times 5 = 3,125$$

$$160,000 - 3,125 = 156,875$$

$$f) 13^2 + 2^2 + 10^2 =$$

$$13 \times 13 = 169$$

$$2 \times 2 = 4$$

$$10 \times 10 = 100$$

$$169 + 4 + 100 =$$

$$g) 5^3 + 5^6 + 5^0 =$$

$$5 \times 5 \times 5 = 125$$

$$5 = 5$$

$$125 + 15,625 + 5 =$$

$$h) (112) + (7^2) =$$

$$11 \times 11 = 121$$

$$112 + 121 =$$

$$i) 100^3 - 6^4 =$$

$$100 \times 100 \times 100 = 1,000,000$$

$$6 \times 6 \times 6 \times 6 = 1,296$$

$$1,000,000 - 1,296 = 998,704$$

$$j) 10^{11} + 10^5 + 10^2 =$$

$$10 \times 10 \times 10 \times 10 = 10,000$$

$$10 \times 10 \times 10 \times 10 \times 10 = 100,000$$

$$10 \times 10 \times 10 \times 10 \times 10 \times 10 = 1,000,000$$

$$10,000 + 100,000 + 1,000,000 = 1,110,000$$

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

$$6 \times 6 \times 6 = 216$$

$$3 \times 3 \times 3 = 27$$

$$216 - 27 =$$

$$189$$

Genial

Genial

$$L) 11^2 - 11^4 =$$

$$11 \times 11 = 121$$

$$11 \times 11 \times 11 \times 11 = 14,641$$

$$121 - 14,641 = 14,762$$

$$M) 2^2 + 2^3 + 2^4 =$$

$$2 \times 2 = 4$$

$$2 \times 2 \times 2 = 8$$

$$2 \times 2 \times 2 \times 2 = 16$$

$$4 + 8 + 16 =$$

$$28$$

$$N) 5^2 - 2^4 =$$

$$5 \times 5 = 25$$

$$2 \times 2 \times 2 \times 2 = 16$$

$$25 - 16$$

$$9$$