

Semana 5 = Rotencia Suma y Resta.

$$2^3 + 3^3 + 4^3 = 99$$

$$2 \times 2 \times 2 + 3 \times 3 \times 3 + 4 \times 4 \times 4 =$$

$$8 + 27 + 64 = 99$$

$$1 \cdot 3^2 + 3^2 + 1 \cdot 0^2 = 278$$

$$1 \cdot 3 + 1 \cdot 3 + 3 + 3 + 1 \cdot 0 + 1 \cdot 0 =$$

$$7 \cdot 6 \cdot 9 + 9 + 1 \cdot 0 \cdot 0 = 278$$

$$7^2 - 4^3 = -15$$

$$7 \times 7 - 4 \times 4 \times 4 =$$

$$49 - 64 = -15$$

$$(122^3)(122) = 1,875,970$$

$$122^3 + 122 =$$

$$122 \times 122 \times 122 + 122 \times 122 =$$

$$1,875,848 + 12,122 = 1,875,970$$

$$(20^4) - (5^5) = 156,875$$

$$20^4 - 5^5 =$$

$$20 \times 20 \times 20 \times 20 - 5 \times 5 \times 5 \times 5 \times 5 =$$

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

$$1 \cdot 3^2 + 3^2 + 1 \cdot 0^2 = 278$$

$$1 \cdot 3 \times 1 \cdot 3 + 3 \times 3 + 1 \cdot 0 \times 1 \cdot 0 =$$

$$1 \cdot 6 \cdot 9 + 9 + 1 \cdot 0 \cdot 0 = 278$$

$$5^3 + 5^6 + 5^9 = 15,755$$

$$5 \times 5 \times 5 + 5 \times 5 \times 5 \times 5 \times 5 + 5 \times 5 \times 5 \times 5 \times 5 \times 5 = 125 + 1,250 + 15,625 = 17,000$$

$$(11^1) + (7^2) = 770$$

$$11 \times 11 + 7 \times 7 = 121 + 49 = 170$$

$$100^3 - 6^4 = 998,704$$

$$1000 \times 1000 \times 1000 - 6 \times 6 \times 6 \times 6 = 1,000,000 - 1,296 = 998,704$$

$$10^4 + 10^3 + 10^2 = 10,170,000$$

$$10 \times 10 \times 10 \times 10 + 10 \times 10 \times 10 + 10 \times 10 = 10,000 + 100 + 10 = 10,110$$

$$100,000 + 10,000 + 10,000 = 120,000$$

$$6^3 - 3^3 = 189$$

$$6 \times 6 \times 6 - 3 \times 3 \times 3 = 216 - 27 = 189$$

$$1 \cdot 1^2 + 1 \cdot 1^4 = 14,762$$

$$11 \times 11 + 11 \times 11 \times 11 \times 11 =$$

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

$$2^2 + 2^3 + 2^4 = 28$$

$$2 \times 2 + 2 \times 2 \times 2 + 2 \times 2 \times 2 \times 2 =$$

$$4 + 8 + 16 = 28$$

$$5^2 - 2^4 = 9$$

$$5 \times 5 - 2 \times 2 \times 2 \times 2 =$$

$$25 - 16 = 9$$