

Naydelin Luna 4to juridico matemáticas

Semana 5 Potenciación Suma y resta

4to. Jundico
NAY DELIN LUNA

$$1) 2^3 + 3^3 + 4^3 =$$

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

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

$$4 \times 4 \times 4 = 64$$

$$8 + 27 + 64 = 99$$

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

$$13 \times 13 = 169$$

$$3 \times 3 = 9$$

$$10 \times 10 = 100$$

$$169 + 9 + 100 = 278$$

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

$$7 \times 7 = 49$$

$$4 \times 4 \times 4 = 64$$

$$49 - 64 = -15$$

$$4) (122^3) \cdot (122)$$

$$122 \times 122 \times 122 = 1,815,848$$

$$1,815,848 + 122 = 1,815,970$$

$$5) (20^4) - (5^5) =$$

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

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

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

$$6) 13^2 + 3^2 + 10^2 =$$

$$13 \times 13 = 169$$

$$3 \times 3 = 9$$

$$10 \times 10 = 100$$

$$169 + 9 + 100 = 278$$

$$^3 5 + 5 + 5 =$$

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

$$5 \times 5 \times 5 \times 5 \times 5 \times 5 = 15,625$$

$$125 + 15,625 + 5 = 15,755$$

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

$$11 \times 11 = 121$$

$$7 \times 7 = 49$$

$$121 + 49 = 170$$

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

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

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

$$1,000,000 - 1,296 = -998,104$$

$$^4 10 + ^5 10 + ^7 10 =$$

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

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

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

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

$$10) 6^3 - 3^3 =$$

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

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

$$216 - 27 = 189$$

$$11) 11^2 + 11^4$$

$$11 \times 11 = 121$$

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

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

$$12) 2^2 + 2^3 + 2^4$$

$$2 \times 2 = 4$$

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

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

$$4 + 8 + 16 = 28$$

$$14) 5^2 - 2^4$$

$$5 \times 5 = 25$$

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

$$25 - 16 = -9$$