$$[(-5)^6 \cdot (-5)^8] : (-5)^{11} =$$

$$= [(-5)^{14}]: (-5)^{11} = (-5)^{14}: (-5)^{11} =$$

$$=(-5)^3=[-125]$$

$$(3^3)^5: (-3)^{12} = 2e lon NON me repoli!$$

$$452 \quad (-7)^{35} : 7^{33} = - \begin{bmatrix} 7^{35} & 7^{33} \\ 7 & 7^{35} \end{bmatrix} = -7^2 = -49$$

ATTENZIONE!
$$-7^{2} = -(7^{2}) = -49$$
SI FA PRIMA LA POTENZA, POI
$$1000 \quad 5000 \quad 7$$

$$51 \quad \text{METTE IL} \quad -$$

$$\cos A!!$$
 $(-7)^2 = +49$

$$(-2)^{11}: 2^8 = -(2^{11}: 2^8) = -2^3 = -8$$

Si potera anche molgere con:

$$(-2)^{11} : 2^8 = (-2)^{11} : (-2)^8 = (-2)^3 = -8$$

$$[(-2)^2 + (-3)] \cdot (-1) + [(+3)^3 \cdot (-3)^8] : (-3)^9 + [(-2)^3]^2 : (-2)^4 =$$

$$=[4-3]\cdot(-1)+[3^3\cdot 3^8]:(-3)^9+(-2)^6:(-2)^4=$$

$$= -1 + 3^{11} : (-3)^3 + (-2)^2 =$$

$$= -1 - (31:39) + 4 =$$

525
$$-(-1) + (-3)^9 : (-3)^7 - (-1 + 2 - 3) + [(5^3 \cdot 5^{10})^2 : 5^{24}] : 5 + (-2)(-3) =$$

$$= +4 + (-3)^2 - (-2) + [(5^{-13})^2 : 5^{24}] : 5 + 6 =$$

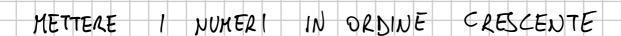
531
$$\{[(-20)^9: (-20)^5]^2: [(-10)^4]^2\}: (-2)^6 + [(-21)^5: (+7)^5]^2: (-3)^7 =$$

$$\left\{ \left[(-20)^{4} \right]^{2} : \left[(-20)^{8} \right] : (-2)^{6} + \left[(-3)^{5} \right]^{7} : (-3)^{7} = 0$$

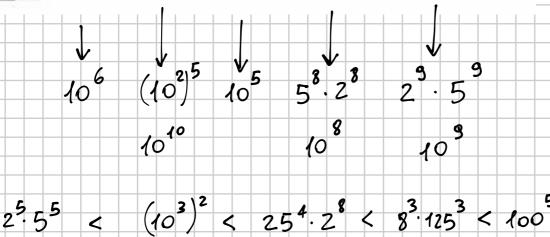
$$\{(-70)^8: (-7)^8\}: (-7)^6+ (-3)^{10}: (-3)^7$$

$$\left\{ \left(-20:(-10)\right)^{8}\right\} : \left(-7\right)^{6} + \left(-3\right)^{3} =$$

$$2^8: (-7)^6 + (-3)^3 =$$



9
$$(10^3)^2$$
; 100^5 ; $2^5 \cdot 5^5$; $25^4 \cdot 2^8$; $8^3 \cdot 125^3$.



19 Per quale valore di
$$n \in \mathbb{N}$$
, se esiste, si verifica che $3^{2+n} = (3^2)^n$?

$$(3^2)^m = 3^{2m}$$

Dere enere
$$3^2 + m = 3^2 m$$

A UNA INCOGNITA

