

## OPERACIONES EN NOTACIÓN CIENTÍFICA

1. Realiza las siguientes operaciones en notación científica expresando correctamente el resultado:

Aclaración: cuando las sumas o restas no tienen el mismo exponente, en esta ficha se ha escogido el mayor de los exponentes para hacer la operación.

a)  $8,32 \cdot 10^7 - 6,139 \cdot 10^7 =$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}}$

b)  $6,1 \cdot 10^{-2} + 4,21 \cdot 10^{-2} =$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}}$   $=$   
 $=$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}} \boxed{\phantom{00}} \boxed{\phantom{00}}$   $=$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}}$

c)  $3,6 \cdot 10^{-1} + 4,5 \cdot 10^{-2} =$   
 $=$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}}$   $+$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}}$   $=$   
 $=$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}}$

d)  $1,3 \cdot 10^5 - 9,9 \cdot 10^3 =$   
 $=$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}}$   $-$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}}$   $=$   
 $=$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}}$

e)  $(6,72 \cdot 10^2) : (5,6 \cdot 10^{-2}) =$   
 $=$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}} \boxed{\phantom{00}} \boxed{\phantom{00}}$   $=$   $\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}}$

f)  $(7,9 \cdot 10^{-3}) \cdot (2 \cdot 10^{-4}) =$

$= \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}} \boxed{\phantom{00}} \boxed{\phantom{00}} = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}} =$

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g)  $(5,1 \cdot 10^{-3})^2 \cdot (2 \cdot 10^{-4}) = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \boxed{\phantom{00}} \cdot (2 \cdot 10^{-4}) =$

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