PRACTISING ENGLISH
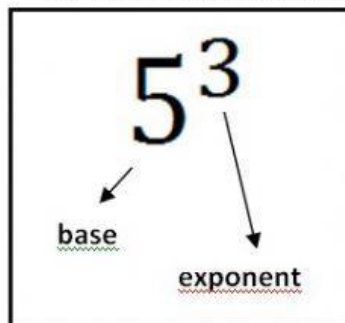
Student name:_____

1. Solve each numerical expression, and write a verbal phrase
Resuelva cada expresión numérica y escriba una frase verbal

8 + (-8) =	Eight plus negative eight equals….
2 · (-4) =	
3 · 6 – 4 =	
-8 / 2 =	Negative eight …….
12 /(-3) =	
5 + 4 – 6 =	
2 · (-8) + 5 =	
$-6^2 =$	Minus six squared equals……
$15 - 2^3 =$	
$(-8)^3 + 1^9 =$	Negative eight cubed…….
$-10^5 =$	
$2^5 - (-4) =$	

2. Fill in the table. Completa la tabla

$$5^3$$

base → exponent

$(-3)^4$	Negative three to the power of four	81
-3^4	Minus three to the power of four	-81
10^5		
$(-1)^{145}$		
$(-2)^3$		
1^{17}		

3. Write a numerical expression for the following phrases.

a) Twice the difference of negative seven and four
   Because "twice" means to multiply by two and "difference"
   *refers to subtraction, the numerical expression is **2(–7 – 4)**.*

b) The product of negative twelve and three

c) The sum of negative twenty and sixteen

d) The quotient of thirty-three and negative eleven

e) Twice the sum of ninety and negative twenty-two

f) Three times the quotient of negative sixteen and eight

g) Eight less than the product of seven and nineteen

h) Five squared

i) Three to the power of five

j) The square root of ninety-three

4. Complete the sentences:

- $4^5 \cdot 4^7 = 4^{12}$ When having a product of two powers with the same base, you have to _____ to obtain the new exponent.
- $7^8 : 7^2 = 7^6$ When having a _____ of two _____ with the same _____ , you have to_____

USA ESTAS OPCIONES

base - sum the exponents – substract the exponents - powers - quotient —

5. Fill in the table:

$\sqrt[3]{(-8)}$	The cubic root of negative eight
	The square root of 121
$\sqrt{49}$	
$\sqrt{169}$	