



# Colegio Pequeños Bilingües

## Second Term



Teacher: Qco. Mayerly Angulo Rivera

Grade: FIFTH GRADE

Topic: logarithms roots and powers

SHOW ME WHAT YOU

Name: \_\_\_\_\_

Date

Name of day

Month

Day number

Year

The student will be able to understand and use the concepts of ratio, proportions and percentage to solve operations of real life situation

### EXERCISE 1: SOLVE THE FOLLOWING OPERATIONS

$$(\sqrt[3]{64} \times \sqrt[9]{1} \times \sqrt{81}) + \sqrt{144} =$$

### EXERCISE 2: Write the cube root for each number.

16)  $\sqrt[3]{343} =$  \_\_\_\_\_      17)  $\sqrt[3]{125} =$  \_\_\_\_\_      18)  $\sqrt[3]{5832} =$  \_\_\_\_\_

### EXERCISE 3: SOLVE THE POWERS BELOW

1)  $18^2 =$  \_\_\_\_\_      2)  $4^3 =$  \_\_\_\_\_      3)  $17^2 =$  \_\_\_\_\_

### EXERCISE 4: JOIN WITH THE CORRESPOND OPERATION SENTENCES

Potenciación	Radicación	Logaritmación
$5^3$	$\sqrt[4]{6.561}$	$\log_{10} 10.000$
$10^4$	$\sqrt[2]{121}$	$\log_{11} 121$
$8^3$	$\sqrt[3]{125}$	$\log_8 512$
$9^4$	$\sqrt[7]{2.187}$	$\log_3 2.187$
$11^2$	$\sqrt[4]{10.000}$	$\log_9 6.561$
$3^7$	$\sqrt[3]{512}$	$\log_5 125$

### EXERCISE 5: SOLVE

$$(\log_7 16807 \times 2^8) + \sqrt[4]{4,096}$$