

NEW CAMBRIDGE SCHOOL		  
FACULTY/FACULTAD	CIENCIAS EXACTAS	
ÁREA	Math	
TEACHER	Brayan Quintanilla	
GRADE	6th grade	
DATE/FECHA	31st August 2020	
STUDENT		

META:

The student will be able to use characteristics and properties of integers to perform arithmetical operations and manage the properties of powers and roots in the solution of word problems.

Learning Objectives:

The student will be able to identify whether a number is divisible by another number.

GUÍA # 4

WORKSHEET 4 – INTEGERS – NUMBER LINE – POSITIVE AND NEGATIVE NUMBERS

ELABORATE/ EJERCITACIÓN (GUÍA - TAREA)

Exercise 1. The lowest temperature in Alaska today was $-8^{\circ}F$. The lowest temperature in Los Angeles, California was $63^{\circ}F$.

What is the difference between the two temperatures?

Answer: _____

Exercise 2. Mount Everest is 29,028 feet high. Mount Kilimanjaro is 19,340 feet high.
How much taller is Mount Everest?

Answer: _____

Exercise 3. The temperature at 6 p.m. was 31°F . By midnight, it had dropped 40°F .
What was the temperature at midnight?

Answer: _____

Exercise 4. A gambler in Las Vegas lost \$500, then won \$875, then won another \$430, and then lost \$1,000.
What was the gambler's overall gain or loss?

Answer: _____

Exercise 5. The stock market is extremely volatile, or goes up and down frequently. A certain stock price gained 12 points, then dropped 8 points, then gained 1 point, then dropped 6 points, and finally gained 5 additional points right before the closing bell.
What is the total gain or loss for this stock's price?

Answer: _____

Exercise 6. Jeronimo is a contestant on a TV game show. If he gets a question right, the points for that question are added to his score. If he gets a question wrong, the points for that question are subtracted from his score. Danny currently has 200 points. If he gets a 300-point question wrong. What will his score be?

Answer: _____

Exercise 7. Complete the following table.

a	b	$a + (-b)$	$(-a) + (-b)$	$a \times b$	$a \div b$
12	4				
8	2				
-10	5				
6	-3				
-3	-3				

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