

Name:

English:

Maths:

1) Work out these operations:

(4.5 points)

a) $(-5) \times (-3 + 4) + 5 =$

b) $-7 \times 5 + 12 - (-2) =$

c) $3 - [2 - (-5)] + (-2) \times (-5) =$

d) $[2 + (-3)] - (-12) \div (+6) =$

e) $(5 - 7) - 2 \times (3 - 4) =$

f) $(3 - 12) - (2 + 5) - (1 - 7) =$

2) Complete the following table by filling in the missing information in the correct box. (2 points)

A	B	A + B	A - B	A × B	A : B
+6	-2				
-5	-1				
+8	+4				
-12	+6				

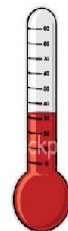
3) Fill in the table writing from the smallest number on the left to the greatest on the right: -6, 4, -5, -12, 6, 11, -21, -7 and +9. (1 point)

The smallest number				The greatest number				

4) Fill in the table writing from the greatest number on the left to the smallest on the right: 7, -4, 15, -10, 6, -11, 21, -7 and -9. (1 point)

The greatest number				The smallest number				

5) One day the temperature goes up from -4°C to 12°C . What is the rise in temperature in $^{\circ}\text{C}$? (1.5 points)



6) Fill in the gaps with the appropriate word:

a) x^2 is x _____

b) -1, -2, -3, -4 are _____ numbers.

c) 80 is the L _____ C _____ M _____ of 16 and 20

SOLUCIÓN

1) Work out these operations:

a) $(-5) \times (-3 + 4) + 5 = (-5) \times 1 + 5 = -5 + 5 = 0$

b) $-7 \times 5 + 12 - (-2) = -35 + 12 + 2 = -35 + 14 = -21$

c) $3 - [2 - (-5)] + (-2) \times (-5) = 3 - (2 + 5) + 10 = 3 - 7 + 10 = +6$

d) $[2 + (-3)] - (-12) \div (+6) = -1 - (-2) = -1 + 2 = +1$

e) $(5 - 7) - 2 \times (3 - 4) = -2 - 2 \times (-1) = -2 + 2 = 0$

f) $(3 - 12) - (2 + 5) - (1 - 7) = -9 - 7 - (-6) = -9 - 7 + 6 = -16 + 6 = -10$

2) Complete the following table by filling in the missing information in the correct box.

A	B	A + B	A - B	A × B	A : B
+6	-2	$+6 - 2 = 4$	$+6 - (-2) = 8$	$6 \times (-2) = -12$	$6 \div (-2) = -3$
-5	-1	$-5 + (-1) = -6$	$(-5) - (-1) = -4$	$-5 \times (-1) = +5$	$-5 \div (-1) = +5$
+8	+4	$+8 + 4 = +12$	$+8 - (+4) = 4$	$+8 \times (+4) = 32$	$+8 \div (+4) = +2$
-12	+6	$-12 + 6 = -6$	$-12 - 6 = -18$	$-12 \times 6 = -72$	$-12 \div 6 = -2$

3) Fill in the table writing from the smallest number on the left to the greatest on the right: -6, 4, -5, -12, 6, 11, -21, -7 and +9.

The smallest number					The greatest number			
-21	-12	-7	-6	-5	4	6	+9	11

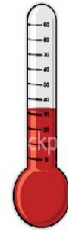
4) Fill in the table writing from the greatest number on the left to the smallest on the right: 7, -4, 15, -10, 6, -11, 21, -7 and -9.

The greatest number					The smallest number			
21	15	7	6	-4	-7	-9	-10	-11

- 5) One day the temperature goes up from -4°C to 12°C . What is the rise in temperature in $^{\circ}\text{C}$?

$$12 - (-4) = 12 + 4 = 16^{\circ}\text{C}$$

The rise in temperature is 16°C



- 6) Fill in the gaps with the appropriate word:

a) x^2 is x **squared**

b) $-1, -2, -3, -4$ are **negative** numbers.

c) 80 is the **Lowest Common Multiple** of 16 and 20