



CONTROL 4 1ª EVALUACIÓN

English:

Maths:

Name:.....

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

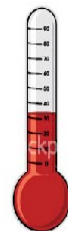
3) Fill in the table writing from the smallest number on the left to the greatest on the right: -6, 4, -5, -12, 6, 11, -21, -7 and +9. (1 point)

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 °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 × (-2) = -12	6 ÷ (-2) = -3
-5	-1	-5 + (-1) = -6	(-5) - (-1) = -4	-5 × (-1) = +5	-5 ÷ (-1) = +5
+8	+4	+8 + 4 = +12	+8 - (+4) = 4	+8 × (+4) = 32	+8 ÷ (+4) = +2
-12	+6	-12 + 6 = -6	-12 - 6 = -18	-12 × 6 = -72	-12 ÷ 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.

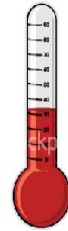
The greatest number				The smallest number				
21	15	7	6	-4	-7	-9	-10	-11



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