## EXAMEN DIVISIBILIDAD Y NÚMEROS ENTEROS

a)	28 is a n	points) True or false? Justify your answer: ultiple of 7 visor of 6
Exercis a) b)	4932x	<b>points)</b> Find a value of x so these numbers can be divided by the figure given divided by 11 divided by 5

Exercise 3: (1 point) Can the following numbers be divided by 2, 3, 5, 10 or 11?

- a) 21340
- b) 1527
- c) 83
- d) 2475

Exercise 4: (2 points) Calculate:

c) 54739x divided by 3

- a) lcm (36, 100) =
- b) hcd (49, 81)=
- c) lcm (12, 50, 63) =
- d) hcd (28, 84, 70) =

<u>Exercise 5:</u> (1 point) I have 75 pineapple juice tetra-bricks, 150 orange juice tetra-bricks and 100 red berries juice tetra-bricks. I want to pack them in boxes with the same number of tetra-bricks, without mixing the different flavours. How many bricks will I have in each box?

Exercise 6: (1 point) Classify and draw on the number line:

-3 7 5 0 -4 -1 -7 10

Exercise 7: (1 point) Work out the value of the following expressions:

- a) -7-1-9-3=
- b) (-5) · (+7) =
- c) +3 +7 =
- d) (-21): (-7) =

Exercise 8: (0.75 points) A man was born on the year 42 b.C. and died on the year 27 s.C. How old was he when he died?

Exercise 9: (2 points) Work out the value of the following expressions:

- a) -3 +7 +1 -8 +3 -4 +5 -9 =
- b) -(-5) +(-2) -(+7) +(+8) =
- c) (3-5) (4-9) + (10-8) (6-1) =
- d) 3 + 7 · (5 6) (2 -10) : (+4) =
- e) (-2)·(5-8)- (-3)·(8-6) =
- f) -3 · (5 -7) -2 · [ (-4 + 6) (6 + 5) ] =