

GEOMETRY AND ANGLES TEST - 1° ESO

Exercise 1: (1.25 points) Find the area and the perimeter of a right-angled trapezium with bases of length 14 cm and 8 cm and height of length 6 cm

Exercise 2: (0.75 points) Enunciate Pythagoras' theorem

Exercise 3: (2.25 points) Given the angles $A = 82^{\circ} 29' 32''$ and $B = 77^{\circ} 47' 12''$, work out

a) $9(A - B)$

b) $2A + \frac{B}{3}$

c) If A is the equal angle of an isosceles triangle, find the value of the third angle

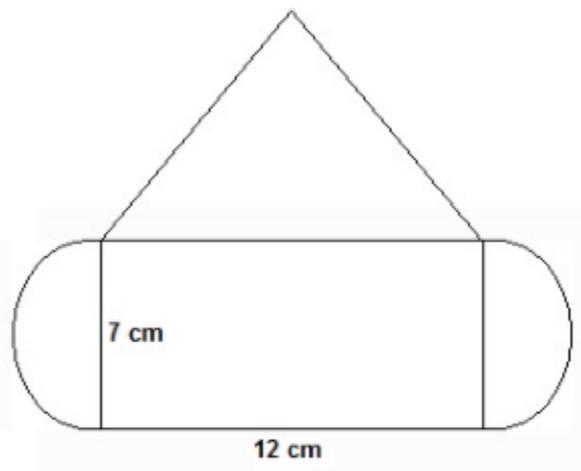
Exercise 4: (1 point)

a) Transform 2h 45' 25'' into minutes

b) Transform 5.015h into hours, minutes and seconds

Exercise 5: (1 points) Work out the area of an annulus with radiuses 12 cm and 5 cm

Exercise 6: (2 points) Find the area and the perimeter of the given figure if the triangle is equilateral:



Exercise 7: (1.75 points) Work out the area of region between the pentagon and the circle

