

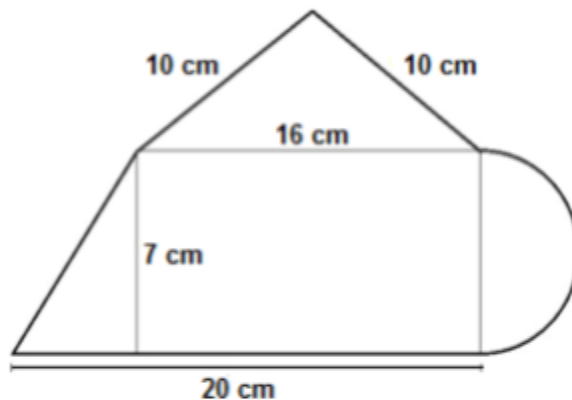
GEOMETRY AND ANGLES TEST - 1° ESO

Exercise 1: (2.25 points)

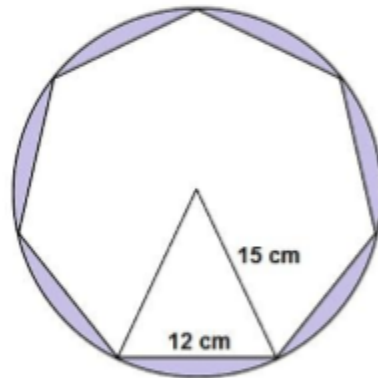
- a) Transform 8.93h into hours, minutes and seconds
- b) Divide $75^{\circ} 16' 39''$ by 9
- c) Transform 7h 12' 30" into minutes
- d) Multiply $15^{\circ} 47' 29''$ by 12

Exercise 2: (0.75 points) Two of the angles of a triangle are $23^{\circ} 42' 39''$ and $66^{\circ} 17' 21''$. Find the value of the third angle.

Exercise 3: (2 points) Find the area and the perimeter of the given figure:



Exercise 4: (1.75 points) Work out the area of the shaded region between the circle and the heptagon.



Exercise 5: (1 point) Find the perimeter of a rhombus if the diagonals measure 18 cm and 15 cm

Exercise 6: (0.75 points) Enunciate Pythagoras' theorem

Exercise 7: (1.5 points) Find the area of an isosceles trapezium if the bases have lengths of 37 cm and 23 cm and the slanted side measures 9 cm