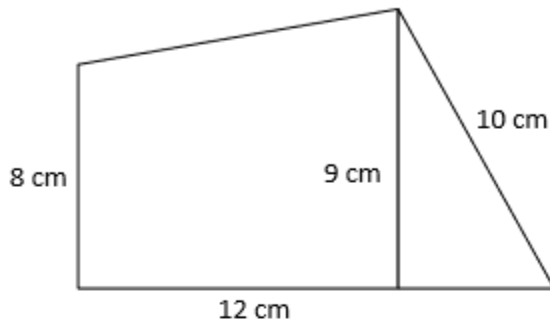


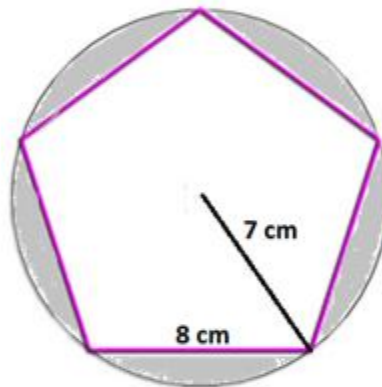
GEOMETRY TEST - 1° ESO - A

Exercise 1: (0.75 points) Enunciate Pythagoras' theorem

Exercise 2: (1.75 points) Find the area and the perimeter of the given figure:



Exercise 3: (2 points) Work out the area of the shaded region between the circle and the pentagon



Exercise 4: (1.5 points)

- a) Transform 4h 19' 23" into seconds
- b) Transform 7.83h into hours, minutes and seconds
- c) Divide $13^{\circ} 42' 35''$ by 5

Exercise 5: (1.25 points) Dos de los ángulos de un triángulo escaleno miden $55^{\circ} 47' 37''$ y $32^{\circ} 28' 51''$. Halla el valor del ángulo restante.

Exercise 6: (1.25 points) I divided a pizza into ten portions and the area of each portion is 22.69 cm^2 . What's the diameter of the pizza?

Exercise 7: (1.5 points) Find the area and the perimeter of this kite knowing that the sides are 10 cm and 18 cm and the smaller diagonal is 12 cm

