

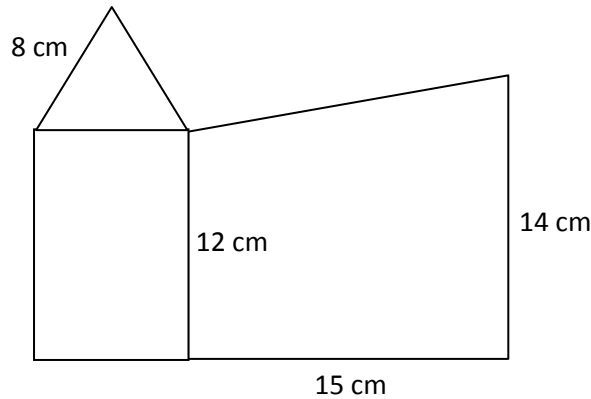
**GEOMETRY TEST - 1º ESO - B**

**Exercise 1: (1.5 points)**

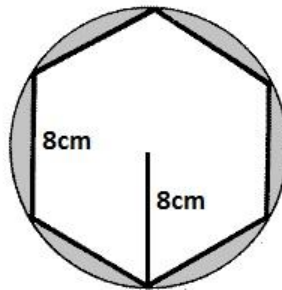
- a) Transform 6.34h into hours, minutes and seconds
- b) Divide  $17^{\circ} 24' 45''$  by 9
- c) Transform 3h 23' 30'' into minutes

**Exercise 2: (1.25 points)** Cada uno de los ángulos iguales de triángulo isósceles mide  $57^{\circ} 32' 45''$ . Halla el valor del ángulo restante.

**Exercise 3: (1.75 points)** Find the area and the perimeter of the given figure knowing that the triangle is equilateral:



**Exercise 4: (2 points)** Work out the area of the shaded region between the circle and the hexagon



**Exercise 5: (1.25 points)** I divided a pizza into ten portions and the area of each portion is  $22.69 \text{ cm}^2$ . What's the diameter of the pizza?

**Exercise 6: (0.75 points)** Enunciate Pythagoras' theorem

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

