

Name and surname: _____

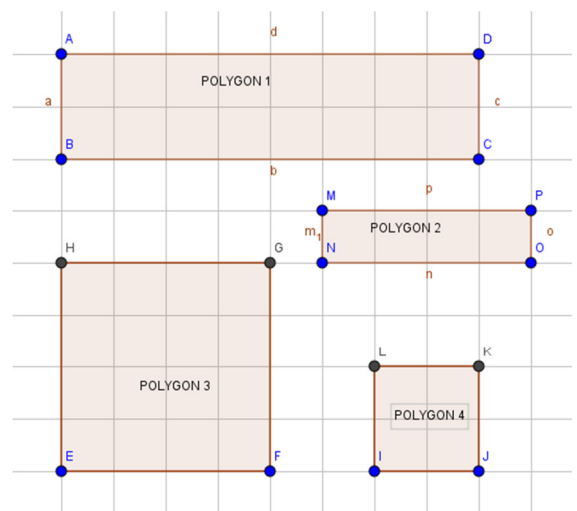
INSTRUCCIONES PARA RESPONDER AL TEST:

You should select the correct answer choosing among options a), b), c) y d). In the following table you have to mark with an square ☒ the option you consider correct.

ESTADÍSTICA										
	1	2	3	4	5	6	7	8	9	10
a)	☒		☒					☒		
b)				☒	☒					
c)						☒				☒
d)		☒					☒		☒	
Cal.										

- Each question sums 1 point if it is correct and subtracts 0.3 point if it is wrong.
- ONLY ANSWERS ON THE TABLE WILL BE CORRECTED.

- In a cider bar a waiter wastes the 20% of each bottle of cider when pouring it on the glasses. How many bottles of 75cl he needs to offer 3000 glasses of 100ml.
 - 500
 - 600
 - 400
 - 320
- Select the best estimation for the height of a dining room table.
 - 8000 mm
 - 0.008 miles (note: 1 mile=1,60934Km)
 - 0.03 Hm
 - 30 inches (note: 1 inch=2,539cm)
- A concave hexagon is obtained by join two equal isosceles trapezoids by the minor bases. If all convex angles of the hexagon are $60^\circ 42' 50''$, what is the measure of each concave angle in the hexagon?
 - $238^\circ 34' 20''$ each one.
 - $300^\circ 42' 50''$ each one.
 - $299^\circ 17' 10''$ each one.
 - $119^\circ 17' 10''$ each one.
- See the figure and select the pair polygons that are equivalent:
 - Polygon 3 and polygon 4.
 - Polygon 4 and polygon 2.
 - Polygon 3 and polygon 2.
 - Polygon 1 and polygon 4.



5. The sum of all exterior angles of a equilateral triangle is:

- a. 300°
- b. 360°
- c. 540°
- d. 900°

6. Taking into account the distance signal, select the correct sentence:

- a. The distance between Faro Porta and Faro Cies could be 17km.
- b. The distance between Faro Porta and Camping could be 10km.
- c. The distance between Faro Cies and Camping could be 2 km.
- d. The distance between Faro Cies and Faro Porta could be 8km.

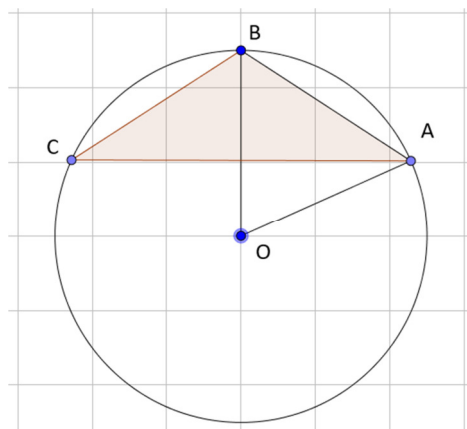


7. If the distance between the centers of two different circumferences of radius 8cm and 14cm is 8cm, those circumferences are:

- a. Tangent interior.
- b. Tangent exterior.
- c. Interior.
- d. Touch in two points.

8. In the following figure, consider that the angle $\widehat{ACB}$ is 30° and the longitude of the arc $\widehat{BA}$ is π cm. What is the radius of the circle?

- a. 3 cm
- b. π cm
- c. 6 cm
- d. 2π cm



9. Select the correct sentence:

- a. A kite can't have any reflection lines.
- b. A rectangle has four reflection lines.
- c. A right triangle can't have any reflection lines.
- d. A non-regular pentagon can have a reflection line.

10. Select the correct sentence:

- a. To compute the area of a rhombo, it is enough to know the measure of one side, because the four sides are equal.
- b. To compute the area of a rhomboid, it is enough to know the measure of two different sides.
- c. To compute the area of an square, it is enough to know the measure of a diagonal.
- d. To compute the area of a rectangle, it is enough to know the measure of the two diagonals.