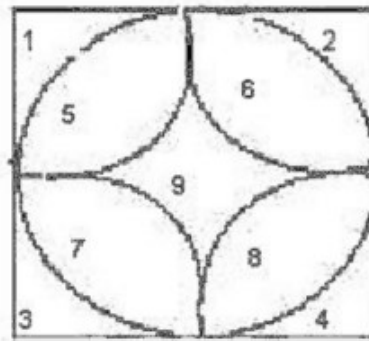


SOLUTIONS EXERCISES III GEOMETRY

In this document, the final result of the proposed exercises is indicated so that the student can check their solutions, however, we emphasize the importance of the solving process that will be explained in the classroom for some of the exercises proposed.

Note: solutions can be affected by the decimals of π that are considered.

1. The rectangle is 24 cm^2 . The square is 25 cm^2 .
2. The perimeter of the rectangle is 40 m. The perimeter of the square is 32m.
3. The wide of the field is 12 m.
4. a) Each part is 768 m^2 .
 b) Each part should be sold by 22,79 euros each m^2 .
5. The area is 300 m^2 .
6. 19.5 m^2 .
8. $10^6 \text{ mm} = 10^3 \text{ m}$
9. a) 7.106 cm b) 9.273 cm^2
10. The longitude is 366.796 cm, and the area $6993,56 \text{ cm}^2$.
11. Both are equal.
12. 2146 m^2
13. Areas 1, 2, 3 y 4 = 0.42 m^2 . Areas 5, 6, 7 y 8 = $1,12 \text{ m}^2$. Area 9 = $1,68 \text{ m}^2$.



14. The first one earns twice what the second one earns.
15. 12 cm^2 .
16. 1.451 cm^2 .
17. 28.274 cm^2 .
18. 320m.
19. a) 2.283 cm^2 , b) 12.5664 cm^2
20. a) 12.566 cm^2 , b) 1.1416 cm^2 .

21. 5.21cm. and 7.37cm.

22. 19.49cm².

23. 121.73cm².