SOLUTIONS EXERCISES II 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. 50º, 130º, 25º and 25º
2. 50º, 65º y 65º
3. 75º, 60º, 105º and 120º
4. 3.66m
5. 57.29º = 57º 17' 44.8''
6. 35.543cm
7. 10 cm
8. 297.61 laps.
9. 199m.
10. The point where the bisector of angles involved cut.
11. (36º, 36º, 108º), (36º,72º,72º) y (36º,36º, 108º)
12. It is an octogon with 20 diagonals and each angle with measure 135º.
13. 3677398720 km approximate.
14. Starting by the vertex with number 12: 135º, 120º, 105º, 120º, 135º, 150º and 135º. It is a non-regular heptagon.
15. Many possible descriptions.
16. 471.15 cm.
17. 15º 30º y 135º.
18. 8.378Km.