C# maths assignment

Use your knowledge of programming in C# to answer the following questions. Whenever necessary, use the constants available in the programming language. Each question should be answered in it's own dotnet project folder.

1. You are given a triangle with sides a=810cm, b=305cm, c=508cm.
What is the perimeter of the triangle?

2. You are given a circle with a diameter of 50134 meters.
   - What is the radius of the circle?
   - What is the circumference of the circle?
   - What is the area of the circle?

3. You are given a rectangle with sides L=990001km, W=577424km.
   - Calculate the perimeter of the rectangle
   - Calculate the area of the rectangle
   - Calculate the length of one of the diagonals of the rectangle