The lengths of two sides of an isosceles triangle are 25 and 15 cm.what is the possible perimeter of the triangle?

Solution:

An isosceles triangle is a triangle with (at least) two equal sides.

If the length of each of two equal sides is 25 cm, then the length of the third side is 15 cm and the perimeter is 25+25+15=65 cm.

If the length of each of two equal sides is 10 cm, then the length of the third side is 25 cm and the perimeter is 25+10+10=45 cm.

Answer: 65 cm or 45 cm.