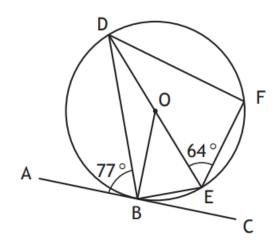
National 5 Maths SQA 2015 Paper 1 Question 3





AC is a tangent to the circle, centre O, with point of contact B. DE is a diameter of the circle and F is a point on the circumference. Angle ABD is 77° and angle DEF is 64° .

Calculate the size of angle BDF.

Answer:

39°