A circle is drawn with an unknown diameter. The diameter of the circle is subtended at the circumference forming a right angled triangle. The two non-hypotenuse sides are 12 cm and 31 cm long. Find the area of the circle outside the triangle.
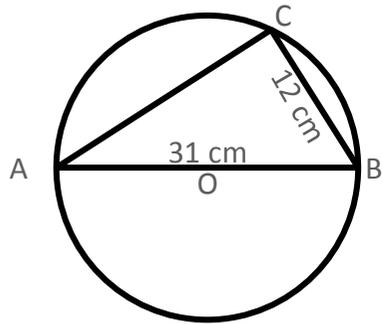
A circle is drawn with an unknown diameter. The diameter of the circle is subtended at the circumference forming a right angled triangle. One of the sides is 12cm long whilst the hypotenuse is 31 cm long. Find the area of the circle outside the triangle.
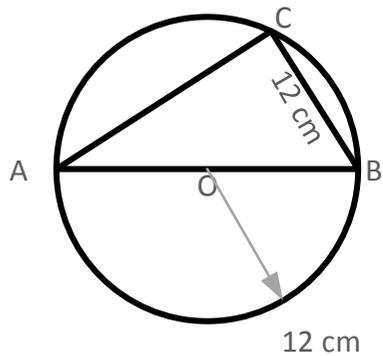
A circle is drawn with an unknown diameter. The diameter of the circle is subtended at the circumference forming a right angled triangle. One of the sides of the triangle is 12cm long as is the radius of the circle. Find the area of the circle outside the triangle.