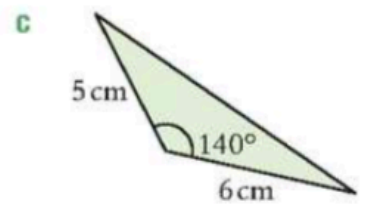
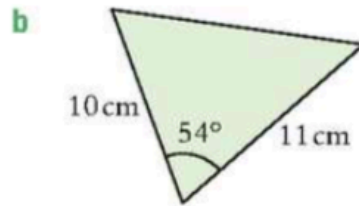
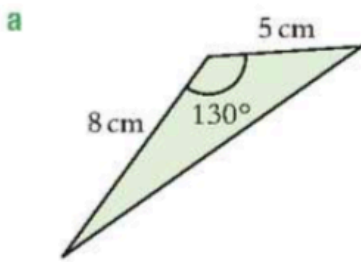
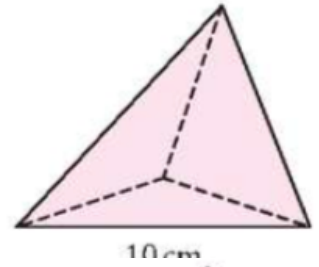


Maths HL8 Extended – Area of Triangles using the sine rule

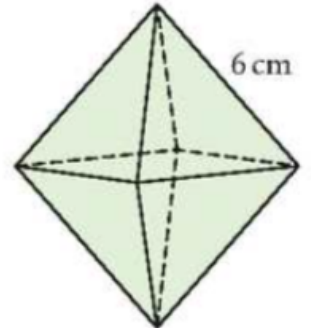
1 Find the area of each triangle.



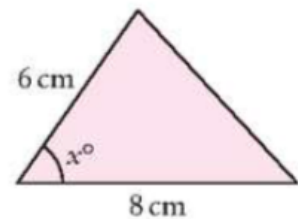
2) The regular tetrahedron has edges of length 10 cm. Calculate the total surface area of the tetrahedron.



3) The regular octahedron has edges of length 6 cm. Calculate the total surface area of the octahedron.



4) The triangle has an area of 18 cm^2 . Calculate the two possible values of x .



5) Calculate the area of the shaded segment in each circle.

