

LABASA SANGAM (SKM) COLLEGE

YEAR 12 HOME STUDY PACKAGE

WORKSHEET NO: 7

STUDENTS NAME: _____

SUBJECT: MATHEMATICS

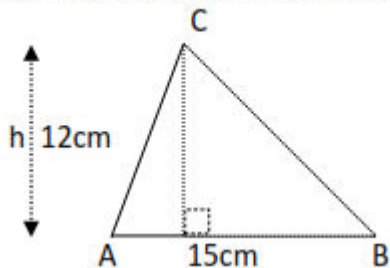
YEAR 12 _____ (A/B/C/D/E)

DUE DATE: 6/9/2021

Instructions :

- I. Write the answers in the space provided.
- II. **File the lesson notes.**
- III. Return the **worksheets only** on the due date as stated above.

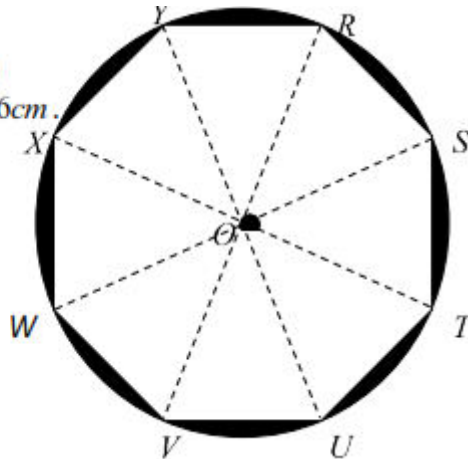
1. Calculate the area of triangle ABC shown below.



2.

The diagram below shows a regular octagon $RSTUVWXY$ inscribed in a circle of radius 16cm . That is $\overline{OR} = 16\text{cm}$.

- a) Find the area of triangle ROS .
- b) Find the area of the octagon.



a)

b)

