9MA2

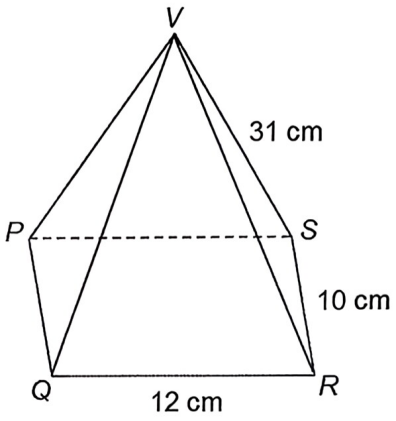
Grade 9 Mathematics Term 2 Assignment 15

Name: _____(_____) Date: _____

Class: _____ Grade: _____

Content: Ch.7 Areas and Volumes (III)

1. The figure shows a right pyramid $VPQRS$ with a rectangular base $PQRS$. It is given that $QR = 12$ cm, $RS = 10$ cm and $VS = 31$ cm.



(a) Find the height of the pyramid.

(b) Find the volume of the pyramid.

(c) Find the total surface area of the pyramid.

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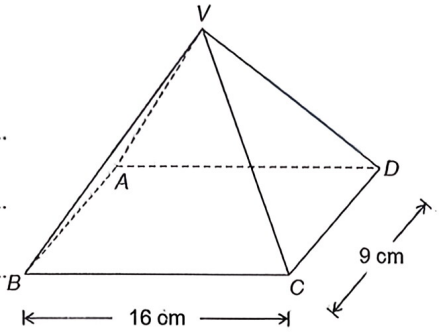
2. The figure shows a right pyramid $VABCD$ of volume 288 cm^3. The base $ABCD$ of the pyramid is a rectangle of length 16 cm and width 9 cm. Find

(a) the height of the pyramid,

(b) the total surface area of the pyramid.



(Publisher Enhanced WS_3B07_01Ae Q7(modified), 01Be Q6)

END OF ASSIGNMENT