Penang Sangam High School

P.O. Box 44, Rakiraki

Lesson Notes

Year 10 Week 10

Mathematics

Strand: 4: Geometry

Sub strand: Pythagoras Theorem

Content Learning Outcome

• Study and discuss Pythagoras Theorem and how it is applied to any given right angled triangle.

Achievement Indicator Identify the properties of right angle triangle Notes

Trigonometry - is the study of the ratios of the sides of triangles.

Pythagoras theorem –the square of the hypotenuse is equal to sum of the squares of the other two sides

$$c^2 = a^2 + b^2$$

C must be the hypotenuse (the longest side/opposite to the right angle)



