MATHEMATICS METHODS

UNIT 1 AND 2

Issue date: Thursday March 4
Due date: Thursday March 18

INVESTIGATION 1

TERM 1, 2021

APPLECROSS
SENIOR HIGH SCHOOL

STUDENT NAME: _____

What is the Coverage?

Consider the following problem.

A llama is tethered to one corner of a square shed with a 15 metres length of rope so that it can graze. The shed is 6 metres by 6 metres. Given that the llama can't get inside the shed, what is the area that the llama can graze?

Your task is to come up with a detailed solution to the problem in the form of a report in the following format.

Introduction

You will need to provide an outline of the problem to be solved.

Planning

Design a plan to solve the problem. This may include diagrams, tables and anything else that will help you to solve the problem i.e. describe how you plan to solve the problem.

Implementing

Here you will select and apply any mathematical strategies and/or techniques in order to solve the problem.

Conclusion

State the solution to the problem.

Note that it is important that all working is shown to justify the solution that you have obtained.

End of Investigation 1