**Class 5 – Homework – Bamburgh – 6.2.23**

**Q1.**



Work out the area of each shape.

(a)          Rectangle



1 mark

(b)     Triangle



1 mark

**Q2.**

This ring is made of **regular pentagons,** with sides of **5 centimetres.**



What is the **length** of the **outer edge** of the ring?



1 mark

Here is part of a new ring.

It is made of **squares** and **triangles.**



The pattern is continued to complete the ring.

What is the **total** number of **squares** used in the complete ring?

**Q3.**

A line starts at **A** and goes along the dotted lines to **B**.

It divides the area of the grid into **halves.**



Divide the area of the grid below into **halves**. Start at **A** and go along the dotted lines to **B**.



1 mark

**Q4.**

Here is a rhombus on a triangular grid.

Draw a **different** shape with the **same** area on the grid.

**Q5.**

Here is a map of an island.



Estimate the area of the **Wood**.



1 mark

A boat can safely carry 145 kilograms.





Work out if the boat can **safely** carry Mary **and** Bob.

You **must** show your working.