Monday 5th February 2024 Homework – Lindisfarne

**Q1.**

Here are five triangles on a square grid.



Four of the triangles have the same area.

Which triangle has a **different** area?

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1 mark

**Q2.**

The **area** of this square is 36 cm2.



The square is cut into quarters to create 4 identical rectangles.



What is the **perimeter** of **one** of the small rectangles?



2 marks

**Q3.**

Here is a set of 20 squares around a shaded space.



What is the area of the shaded space?



1 mark

**Q4.**

Here is a shaded shape on a 1 cm square grid.



What is the **area** of the shaded shape?



1 mark

**Q5.**

|  |  |
| --- | --- |
| The grid below is made of right-angledtriangles like this: |   |

Shade triangles on the grid to make a **quadrilateral**.

Your quadrilateral must have an area of **24 cm2 and a perimeter of 26 cm.**



2 marks

**Q6.**

Lara has some identical rectangles.

They are 7 centimetres long and 2 centimetres wide.



She uses **five** of her rectangles to make the large rectangle below.



What is the **perimeter** of the large rectangle?



1 mark

What is the **area** of the large rectangle?



1 mark