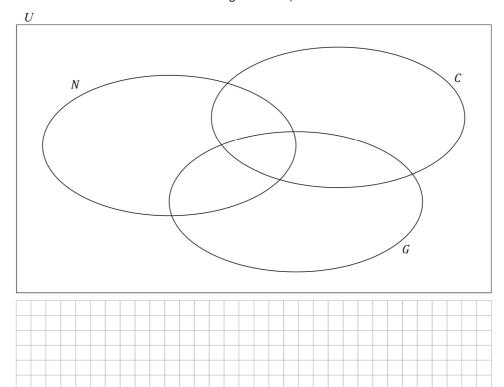
Question 4

(Suggested maximum time: 15 minutes)

90 students were asked whether they had ever been to three of Ireland's most popular tourist attractions: Newgrange (N), the Cliffs of Moher (C) and the Giant's Causeway (G).

- 38 students had been to Newgrange.
- 49 students had been to the Cliffs of Moher.
- 7 students had been to the Giant's Causeway only.
- 5 students had been to all three of the attractions listed.
- 10 students hadn't been to any of the attractions listed.
- 12 students had been to the Giant's Causeway and Newgrange.
- 14 students had been to the Giant's Causeway and the Cliffs of Moher.
- x students had been to the Cliffs of Moher and Newgrange but **not** the Giant's Causeway.
- (a) Use this information to fill in the Venn diagram below, in terms of x.



(b) Find the value of *x*.



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