

**Addition (H)****WEEK 5**

This week we see, Charlotte, an Art Curator who works at the Art Gallery where Juliette's paintings will be exhibited. It is Charlotte's job to select where in the Art Gallery, art work is hung. Juliette's 4 paintings (from last week's maths challenge), form a collection and will be exhibited on one wall in the Art Gallery. Charlotte has 4 different walls where the collection can be displayed.



Photo credit: Courtesy of [www.ryanwilks.com.au](http://www.ryanwilks.com.au) "QLD art gallery"

The four wall options Charlotte has to choose from are, wall 1 - nine hundred and three millimetres by six hundred and sixty one millimetres, wall 2 – nine hundred and seventy two centimetres by three hundred and two centimetres, wall 3 – six hundred and ninety six millimetres by eight hundred and twenty six millimetres, and wall 4 – seven hundred and eighty four centimetres by five hundred and ninety seven centimetres.

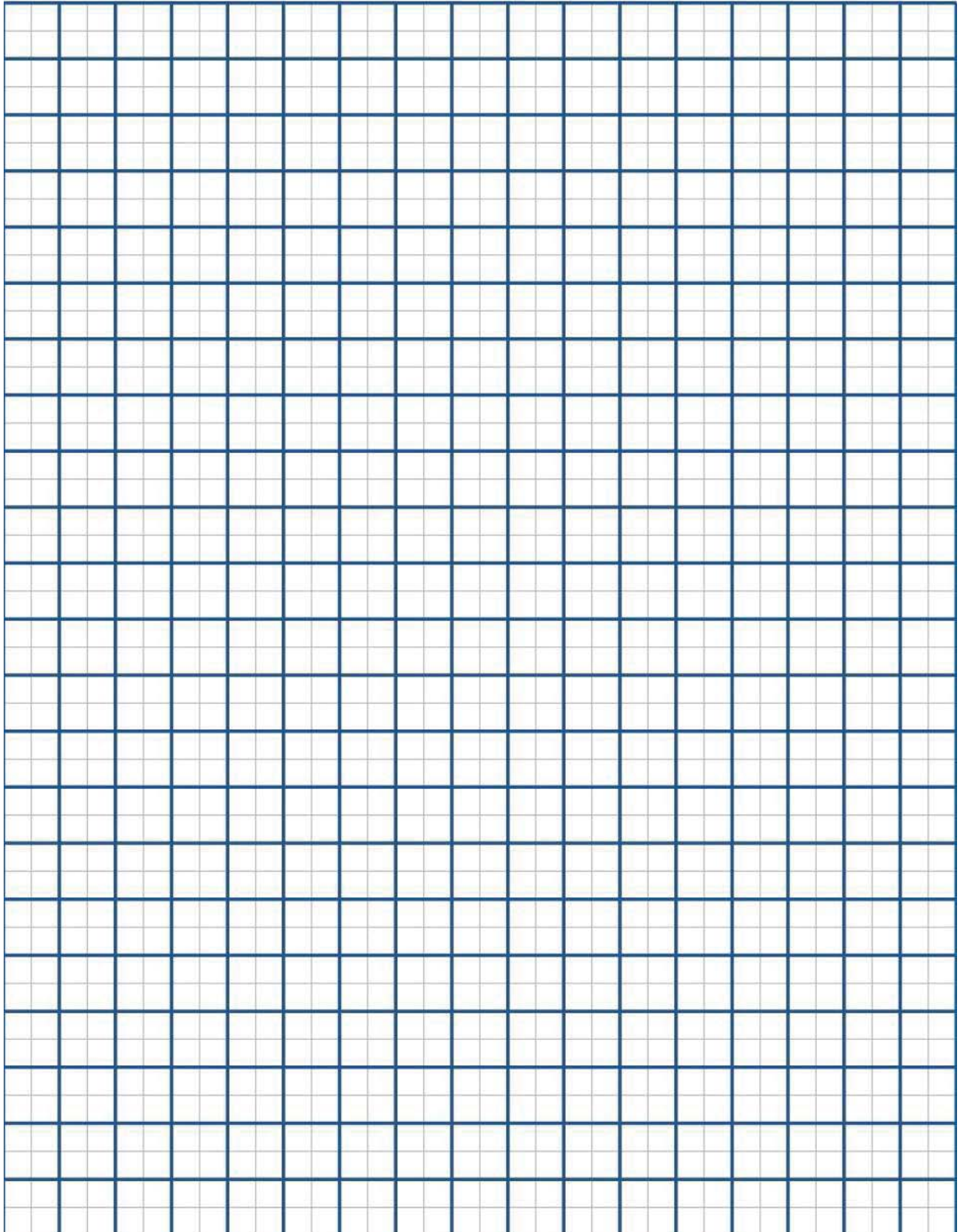
Which wall will accomodate Juliette's collection?

- a. You need to work out the perimetre of each wall

<b>Wall 1</b>	<b>Wall 2</b>
<b>Wall 3</b>	<b>Wall 4</b>

- b. Draw a *to scale* (a scale must be included) diagram justifying your answer.  
*Remember: you will need your answers from last week's maths challenge to solve this question.*

1 cm major lines and 0.5 cm minor lines.



Scale: \_\_\_\_\_ = \_\_\_\_\_