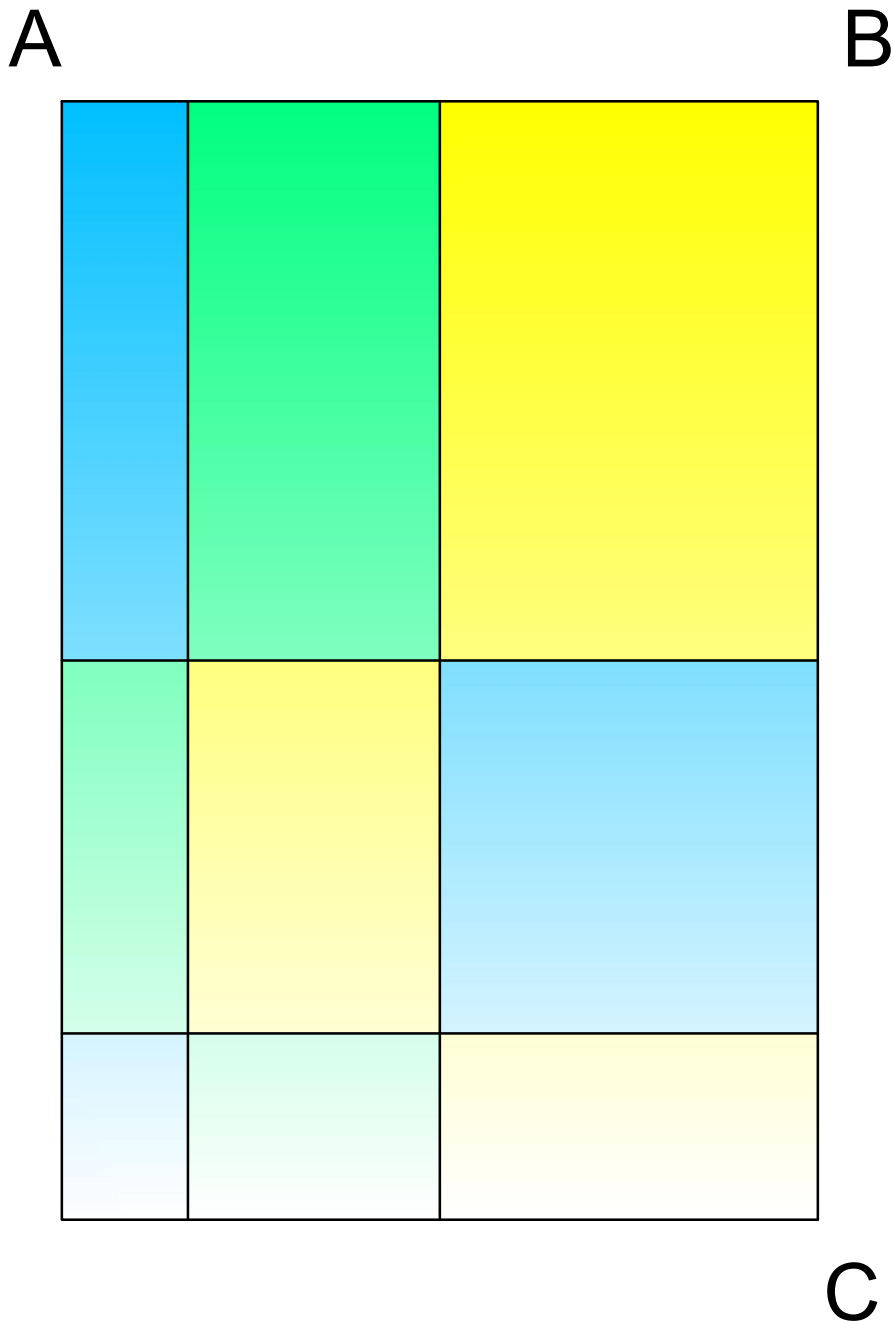
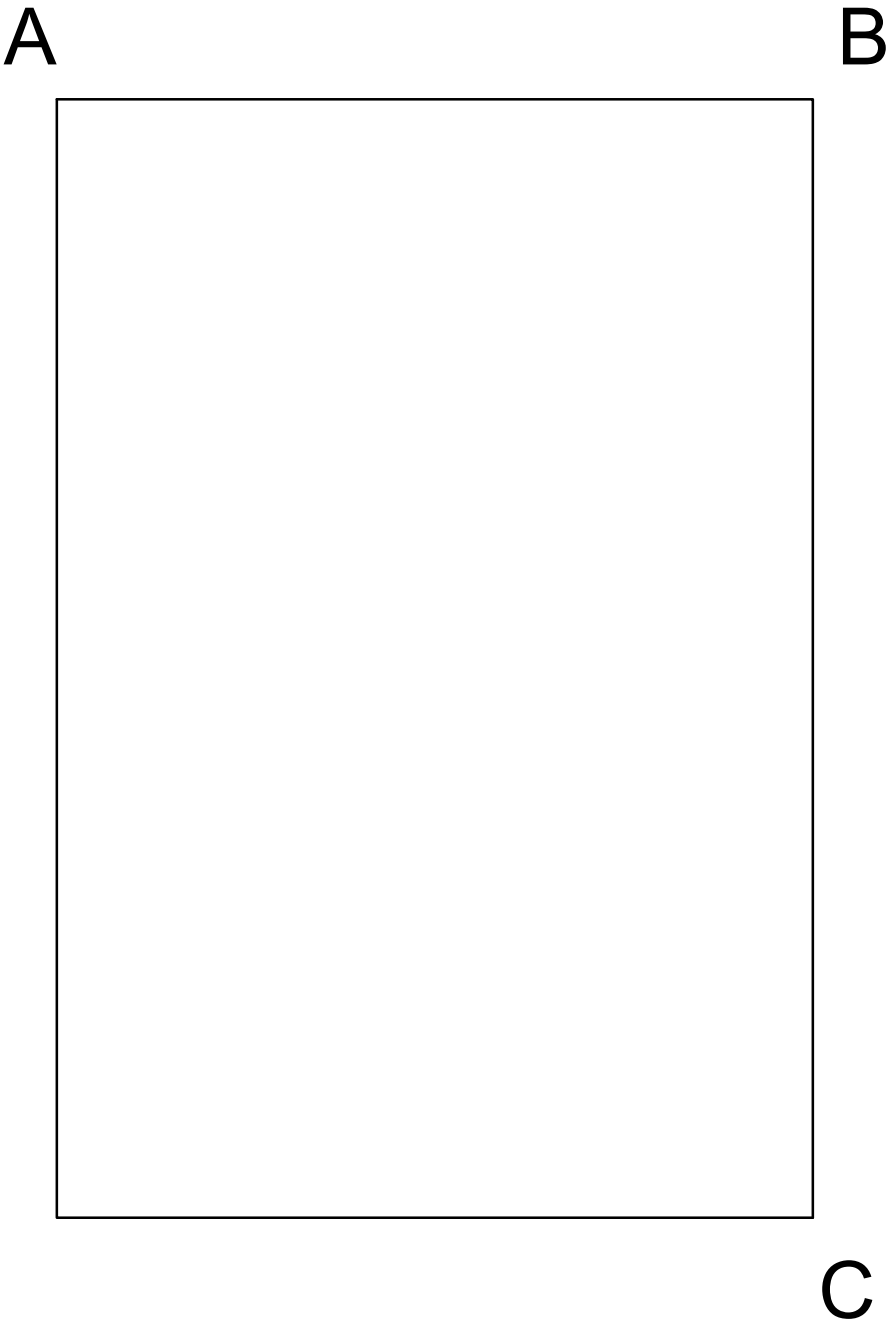


## Division of a line into a given ratio.

In this exercise we will divide line AB and BC in the ratio of 1:2:3.  
Shade the stained glass pattern as shown.



You can visit: <https://youtu.be/UrGPlc4gso> for a step by step video of the construction method.



The diagram illustrates a 3x3 grid of squares. The top-left corner is labeled 'A', the top-right corner is labeled 'B', and the bottom-right corner is labeled 'C'. A line segment connects A and B, with tick marks indicating equal segments. A line segment connects B and C, also with tick marks. A line segment connects A and C, with tick marks. The grid is composed of 9 squares, with the top row and rightmost column highlighted in light gray.