

Transformations Exam: Question 24

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The transformations started with a translation and then a rotation. Since a translation and rotation are both isometries, the rectangle DEFG should remain a rectangle after the transformations are applied. Proof of this can be seen in the visual below.

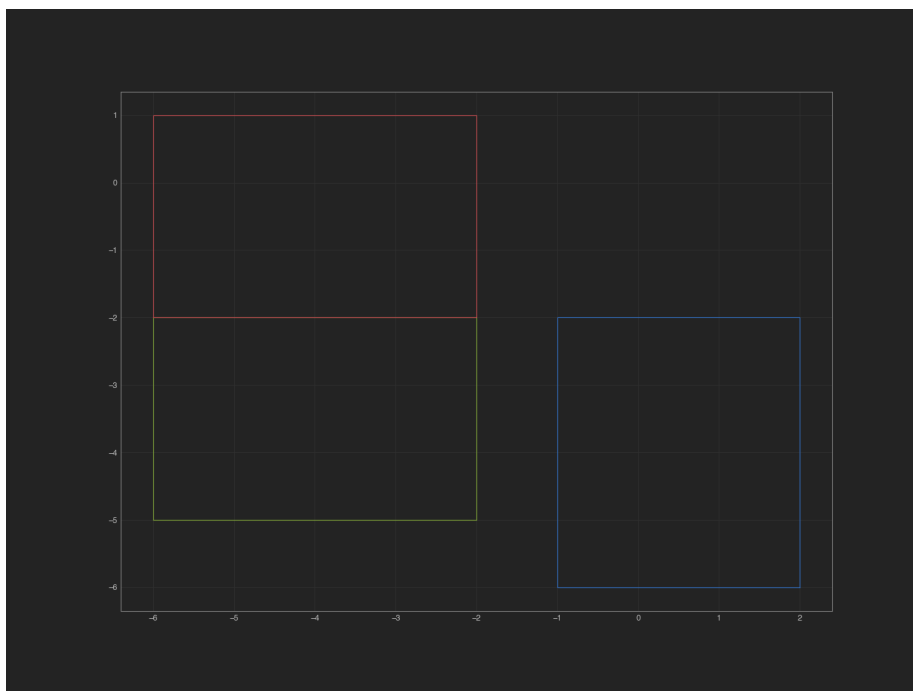


Figure 1: Series of Transformations for Rectangle DEFG. Green (DEFG), Red (D'E'F'G'), Blue (D''E''F''G'')