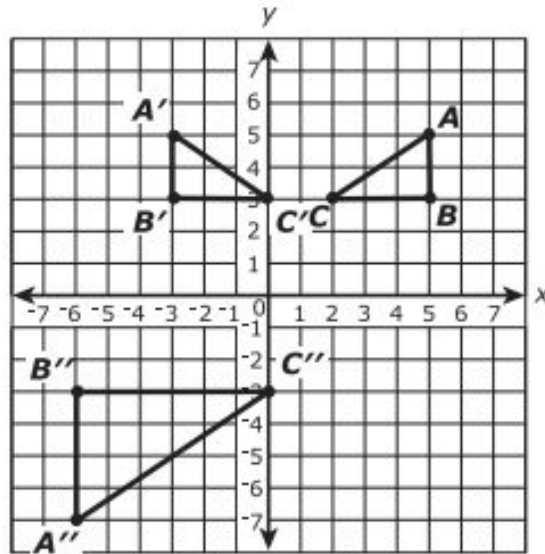


PARCC Item Illustrating 8.G.A.4

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In the coordinate plane shown, triangle ABC is congruent to triangle $A'B'C'$.

Triangle $A'B'C'$ is similar to triangle $A''B''C''$.



29. Part A

Describe a single transformation that shows that triangle $A'B'C'$ is congruent to triangle ABC . Include all the necessary information to complete the transformation.

Enter your description in the space provided.

Part B

Describe a sequence of transformations that shows that triangle $A''B''C''$ is similar to triangle $A'B'C'$. Include all the necessary information to complete each transformation.

Enter your description in the space provided.

Answer Key

Link to Rubric:

https://parcc.pearson.com/resources/Practice-Tests/AKD/Gr8Math/PARCC_Math_-_G8_Spring_2016_Paper_Practice_Test_Answer_Doc.pdf

Elaboration on Alignment

Part B of this item directly assesses the part of standard 8.G.A.4 that requires students to describe a sequence of transformations that exhibits the similarity between two given figures.

Learn More

Learn more with the [MATH Assessment Item Alignment Modules](#) at www.achievethecore.org.