Triangle *ABC* was rotated 90° clockwise. Then it underwent a dilation centered at the origin with a scale factor of 4. Triangle *A′B′C′* is the resulting image.

What parts of △*A′B′C′* are congruent to the corresponding parts of the original triangle? Explain your reasoning.

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Compare the perimeters of △*ABC* and △*A′B′C′*. Explain your reasoning.