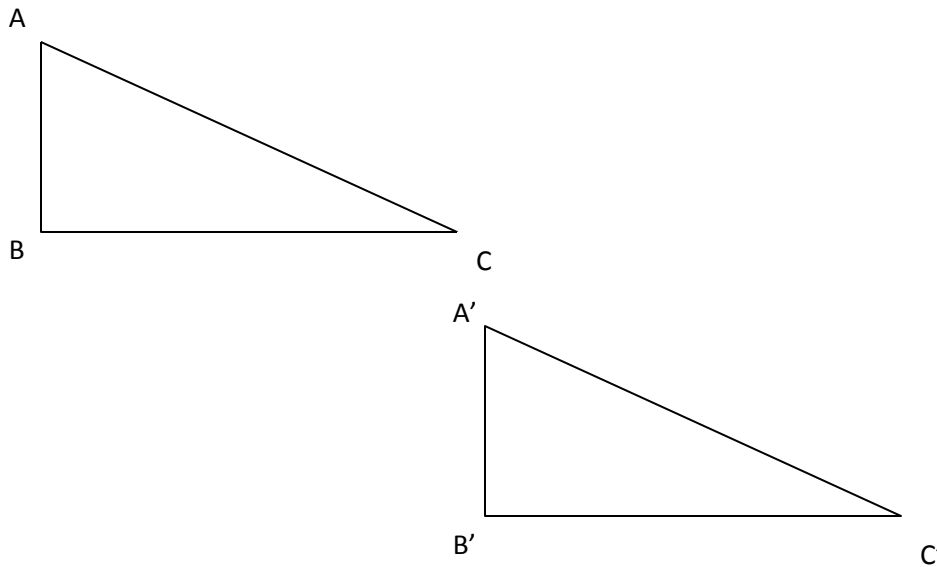


## Geometry – G.CO.7 – Intro and Exploration

---

1. Explore the two triangles shown below. By comparing each pair of corresponding sides and each pair of corresponding angles, determine whether or not the two triangles are congruent. Write your answer (with thorough support) below the pictures.

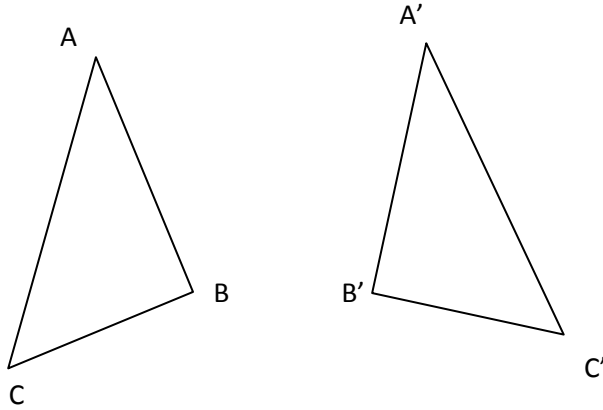


2. Are the two triangles congruent? How do you know that you are right?
3. Is there a rigid motion (or sequence of rigid motions) that maps the pre-image onto the image?

## Geometry – G.CO.7 – Intro and Exploration

---

4. Explore the two triangles shown below. By comparing each pair of corresponding sides and each pair of corresponding angles, determine whether or not the two triangles are congruent. Write your answer (with thorough support) below the pictures.

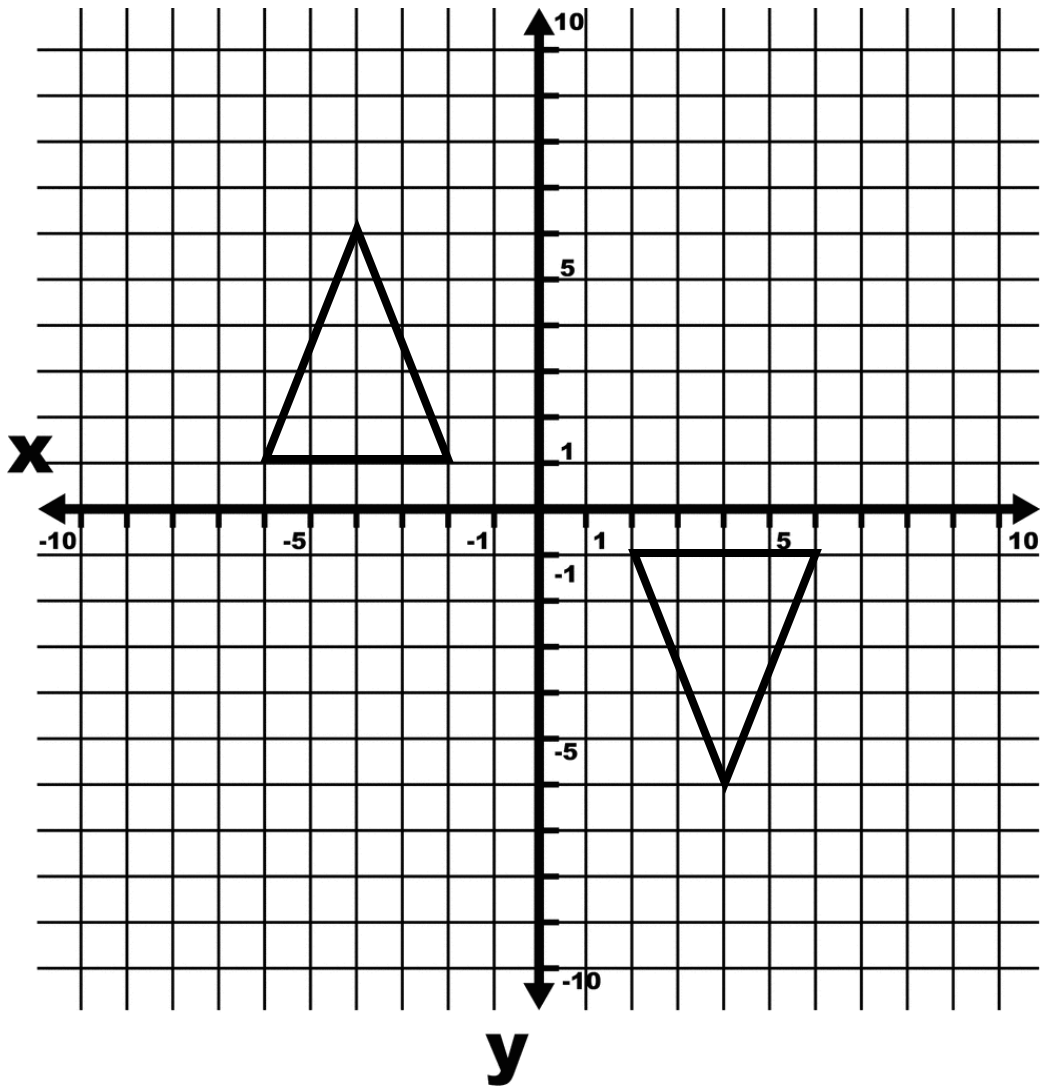


5. Are the two triangles congruent? How do you know that you are right?
6. Is there a rigid motion (or sequence of rigid motions) that maps the pre-image onto the image?

## Geometry – G.CO.7 – Intro and Exploration

---

7.



8. Are the two triangles congruent? How do you know that you are right?

9. Is there a rigid motion (or sequence of rigid motions) that maps the pre-image onto the image?