**Congruent Triangle Video Questions** Name:

**Watch the videos using the links below and answer the following questions**

* <http://www.khanacademy.org/video/congruent-triangles-and-sss?playlist=Geometry>
* <http://www.khanacademy.org/video/other-triangle-congruence-postulates?playlist=Geometry>
* <http://www.khanacademy.org/video/more-on-why-ssa-is-not-a-postulate?playlist=Geometry> (\*first 4 minutes only)

1. What does SSS stand for?
2. What is SSS used for?
3. What does SAS stand for? When would you use this postulate?
4. What is the difference between ASA and AAS?
5. If you were given two triangles with two pairs of corresponding angles congruent and a pair of *included* corresponding sides congruent, which postulate would you use to prove the triangles are congruent? (circle your answer)

SSS SAS ASA AAS

1. Explain why AAA cannot be used to prove triangle congruence.
2. Explain why SSA cannot be used to prove triangle congruence.

**Complete the Congruence and Triangles Worksheet**

**Read pages 115 – 119 and make the following index cards:**

* Reflexive Property (p. 112)
* SSS (p. 116)
* SAS (p. 117)
* ASA (p. 117)
* AAS (p. 302)