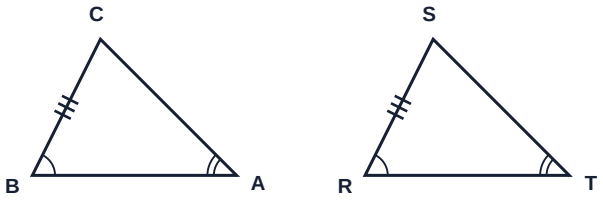
Math Sheet

Name: _____ Date: _____

Congruent Triangles

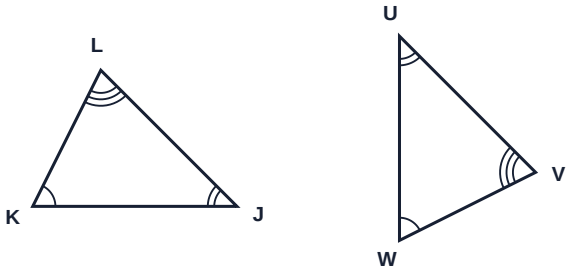
Use only the marked givens. For identify tasks, justify and match vertices. For completion tasks, add an equality for the stated triangle correspondence.

1. Do the marked givens prove congruence? Give a reason and write the correspondence if they do.



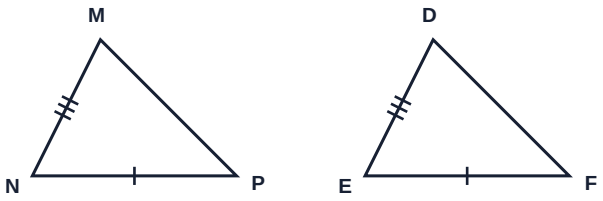
Reason and correspondence:

2. Do the marked givens prove congruence? Give a reason and write the correspondence if they do.



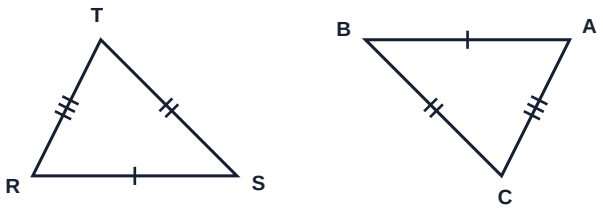
Reason and correspondence:

3. Prove triangle NPM congruent to triangle EFD by SAS. Add one missing equality.



One missing equality:

4. Do the marked givens prove congruence? Give a reason and write the correspondence if they do.



Reason and correspondence:

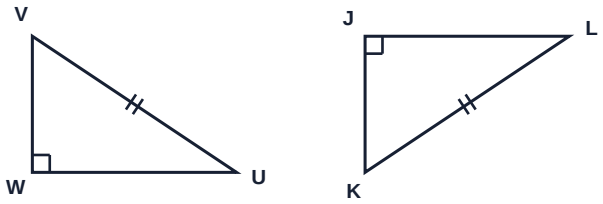
Diagrams are not to scale. Use the stated facts and marks.

Name: _____ Date: _____

Congruent Triangles

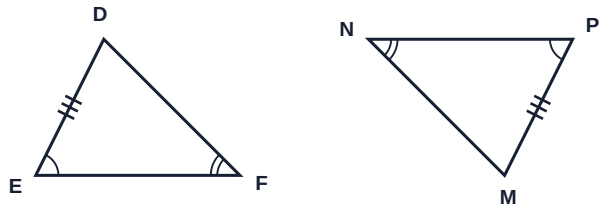
Use only the marked givens. For identify tasks, justify and match vertices. For completion tasks, add an equality for the stated triangle correspondence.

5. Prove triangle WUV congruent to triangle JLK by HL. Add one missing equality.



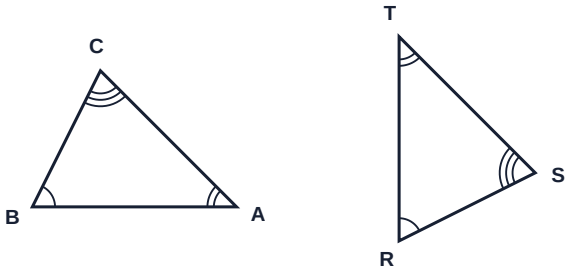
One missing equality:

6. Do the marked givens prove congruence? Give a reason and write the correspondence if they do.



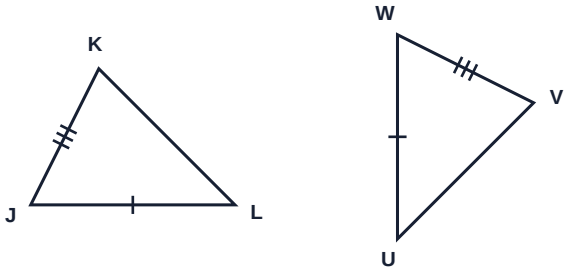
Reason and correspondence:

7. Do the marked givens prove congruence? Give a reason and write the correspondence if they do.



Reason and correspondence:

8. Prove triangle JLK congruent to triangle WUV by SAS. Add one missing equality.



One missing equality:

Diagrams are not to scale. Use the stated facts and marks.