

TRIANGLE SIMILARITY

{ **AA**, **SSS**, **SAS** }

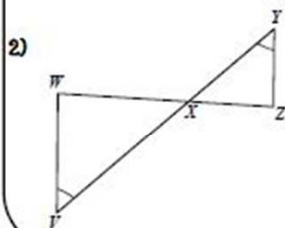
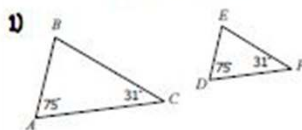
Graphic Organizer!

Triangle Similarity

AA~ Angle-Angle Similarity

If two corresponding angles are congruent, then the triangles are similar.

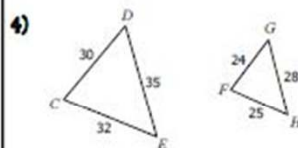
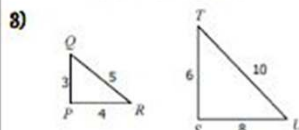
Determine if the examples below are similar by AA-. If yes, write a similarity statement.



SSS~ Side-Side-Side Similarity

If all corresponding sides are proportional, then the triangles are similar.

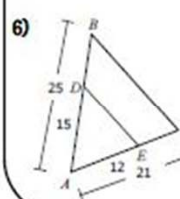
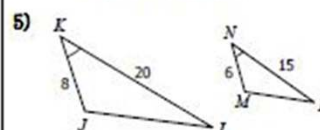
Determine if the examples below are similar by SSS-. If yes, write a similarity statement.



SAS~ Side-Angle-Side Similarity

If two corresponding sides are proportional and the included angles are congruent, then the triangles are similar.

Determine if the examples below are similar by SAS-. If yes, write a similarity statement.



all
things
algebra

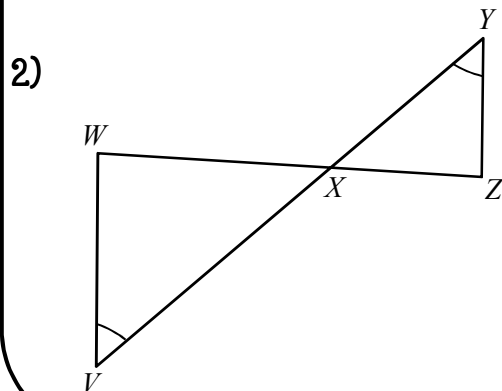
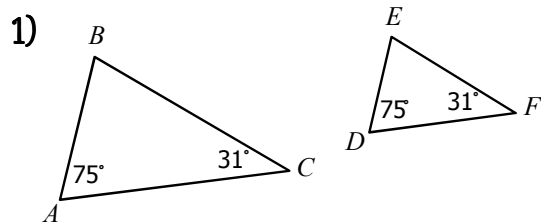
Triangle Similarity

AA~

Angle-Angle Similarity

If two corresponding angles are congruent, then the triangles are similar.

Determine if the examples below are similar by AA~. If yes, write a similarity statement.

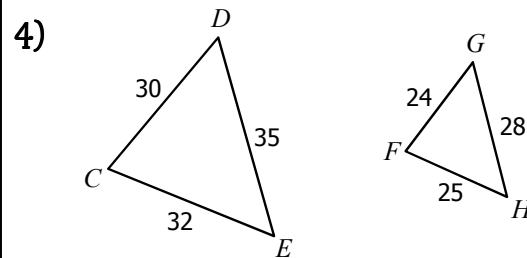
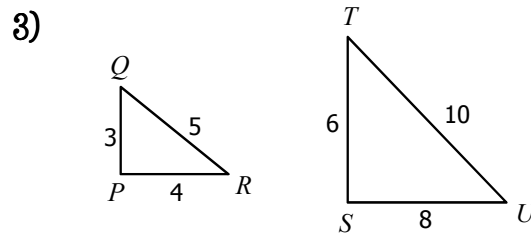


SSS~

Side-Side-Side Similarity

If all corresponding sides are proportional, then the triangles are similar.

Determine if the examples below are similar by SSS~. If yes, write a similarity statement.



SAS~

Side-Angle-Side Similarity

If two corresponding sides are proportional and the included angles are congruent, then the triangles are similar.

Determine if the examples below are similar by SAS~. If yes, write a similarity statement.

