

Unit 5 Video Tutorials

5.1.1

<https://www.youtube.com/watch?v=37WFkikSrTQ> Dilations from origin

https://www.youtube.com/watch?v=4Yap2t_v034 Dilations not from origin

https://www.youtube.com/watch?v=_r0gvx-uxN0&feature=youtu.be

5.1.2

<https://www.youtube.com/watch?v=GC4aTrXNFJQ> Describing similarity

5.2.1

<https://www.khanacademy.org/math/geometry/hs-geo-similarity/hs-geo-triangle-similarity-intro/v/similar-triangle-basics> Defining what similarity means

5.2.2

<https://www.youtube.com/watch?v=vqwXmupMpsA> Examples of Triangle similarity AA~

5.3.1

<https://www.youtube.com/watch?v=X6PVWlJn8C0> Examples of triangle similarity SAS~ and SSS~

5.3.2

<https://www.youtube.com/watch?v=5w59-7mJ07Y> Triangle proportionality examples

https://www.youtube.com/watch?v=kzjwpOy1j_8 Triangle angle bisector theorem

5.3.3

<https://www.khanacademy.org/math/basic-geo/basic-geometry-pythagorean-theorem/basic-geometry-pythagorean-proofs/v/pythagorean-theorem-proof-using-similarity>

https://learnzillion.com/lesson_plans/5039-prove-the-pythagorean-theorem-using-similar-triangles

Two videos of proof of Pythagorean theorem by similar triangles

5.3.4

<https://www.youtube.com/watch?v=ueYQII8Lous> Solve similar triangles

<https://www.youtube.com/watch?v=08QBG1Z7yFo> Solve similar triangle in context