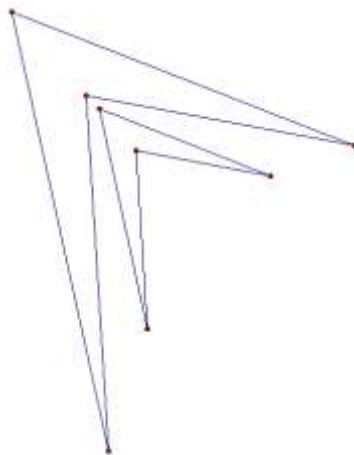
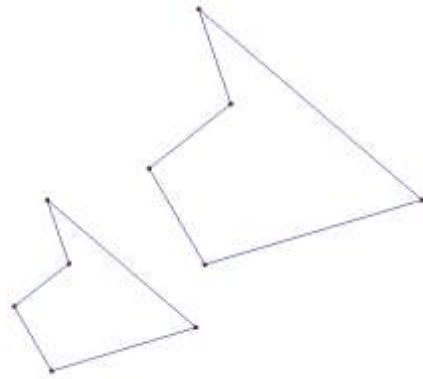
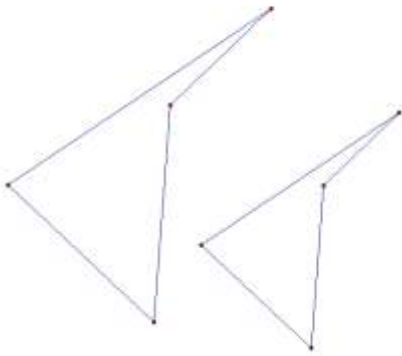


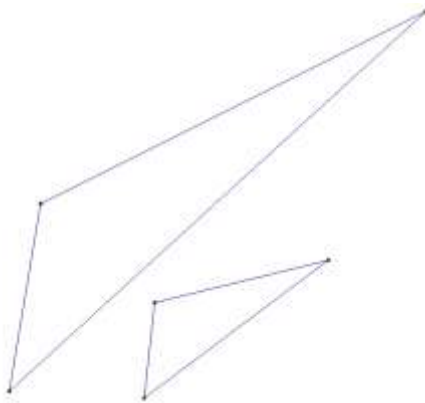
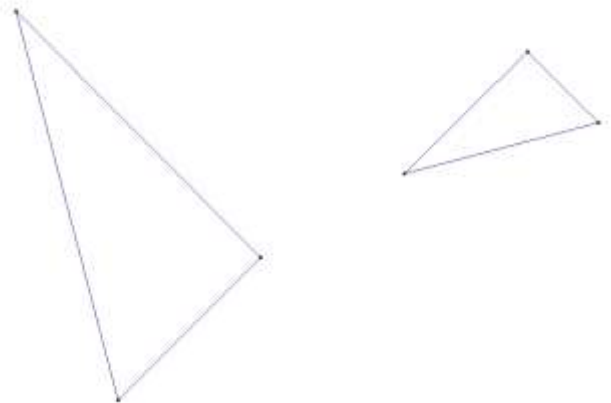
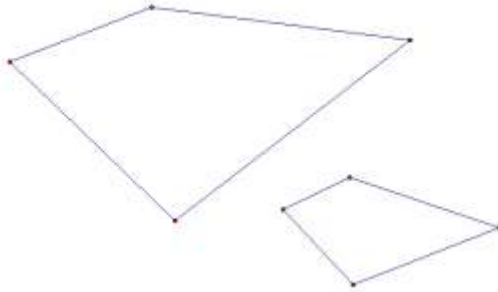
Geometry – Standard G.SRT.2 – Intro and Explore

1. For each set of images below, determine if there is a dilation that connects the two images. If so, fully describe the two possible dilations.



Geometry – Standard G.SRT.2 – Intro and Explore

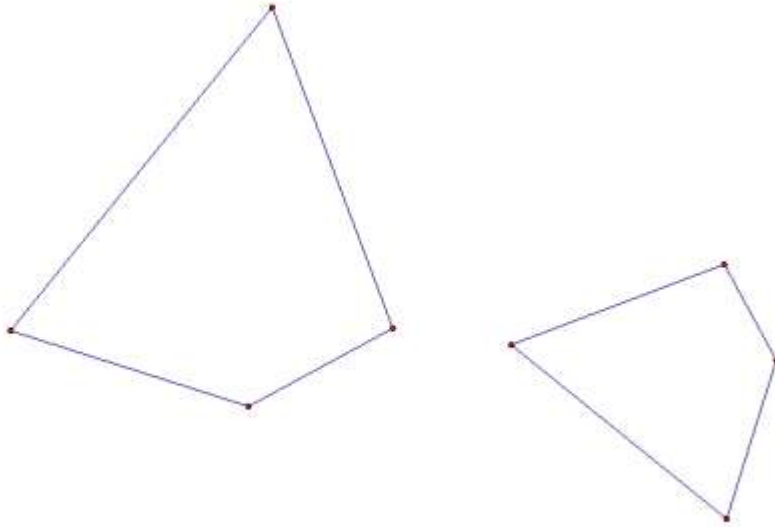
2. The following pairs of shapes are not dilations, because they only meet half of the requirements. Determine if these pairs of shapes have EITHER a scale factor OR a “point of dilation.”



Geometry – Standard G.SRT.2 – Intro and Explore

Let's explore a few more situations with scale factors but not points of dilation.

3. For the following pair of images, identify the corresponding parts of sides and angles. (You may want to label the vertices of both figures)

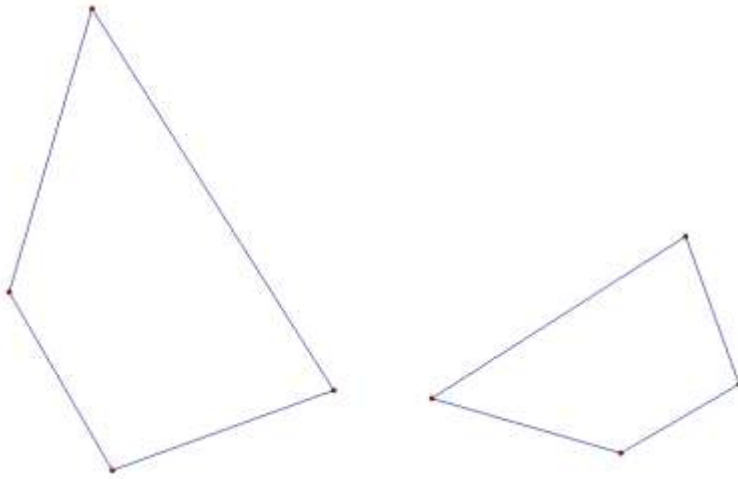


What are the two possible scale factors that connect these two figures?

Why don't you find all of the angle measures, too, and write them on the pictures.

Geometry – Standard G.SRT.2 – Intro and Explore

4. For the following pair of images, identify the corresponding parts of sides and angles. (You may want to label the vertices of both figures)



What are the two possible scale factors that connect these two figures?

Why don't you find all of the angle measures, too, and write them on the pictures.