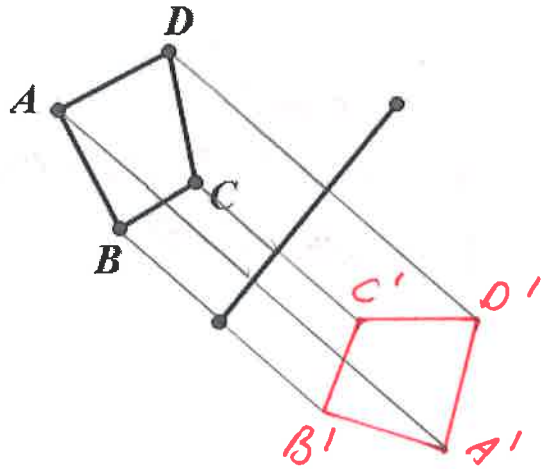
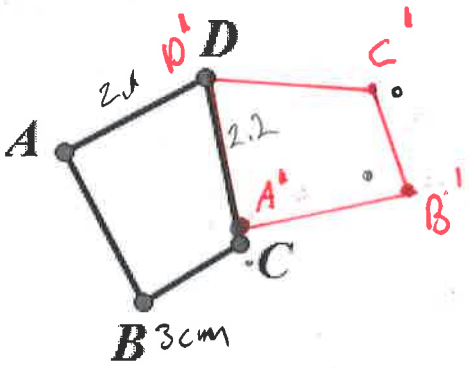
8.G.1 and 8.G.2 Review Day 1

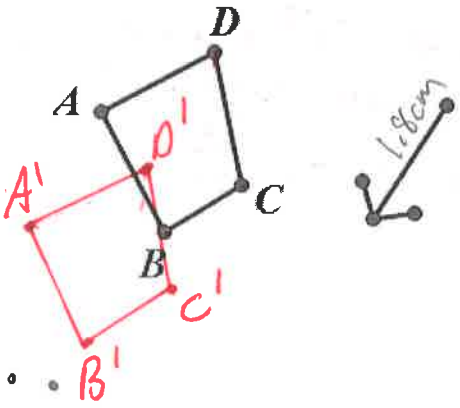
1. Reflect the image below across the line



2. Rotate the image below 75 degrees counter clockwise around point D

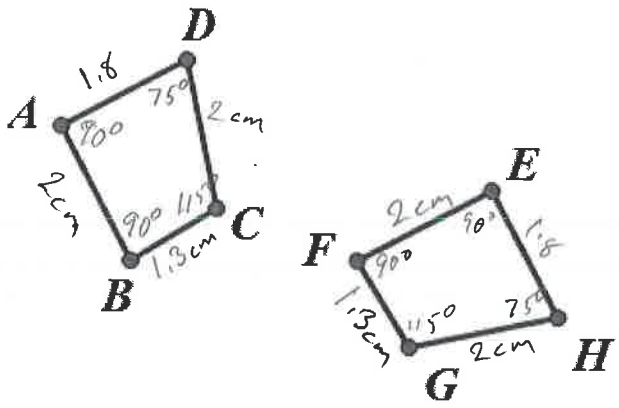


3. Translate the image below the direction and distance indicated by the vector.



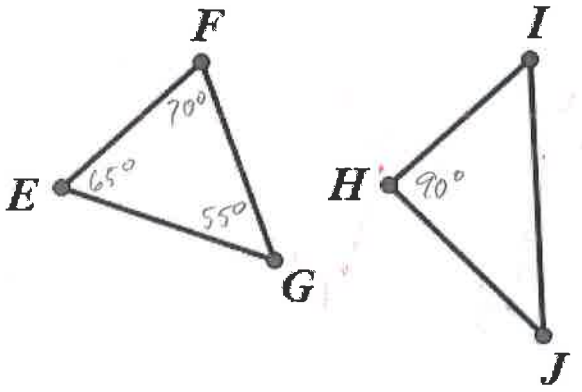
4. Identify if the images below are Similar, Congruent, or neither. Show all work. Identify all transformations if the images are similar or congruent.

a.



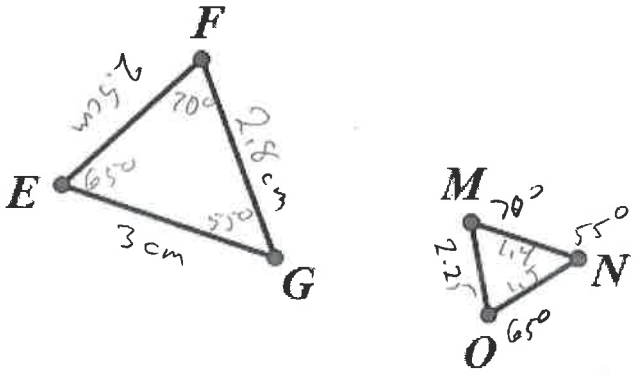
Congruent
rotation 90° clockwise
translate B → F

b.



neither, angles are not the same

c.



Similar
Rotate 55° counter clockwise
Translate E → O
Dralate by $\frac{1}{2}$