

8.  $\triangle AKEF \cong \triangle MDIC$

This is a Rotation of  $180^\circ$  about the Origin

12. Translate  $\triangle EKS$  so that points  $K$  and  $L$  coincide;

Then, rotate  $\triangle EKS$  about point  $K$  until points  $E$  and  $H$  coincide;

Because translations and rotations preserve angle measure and distance,  $KE$  will coincide with  $LH$ ;

Given  $EK = LH$ ;  $\angle E = \angle H$  and  $\angle K = \angle L$

Since there is a congruence transformation that maps  $\triangle EKS$  onto  $\triangle HLA$ ,  $\triangle EKS \cong \triangle HLA$

18. This could be a Glide Up and a Reflection over a vertical line.

22. The two figures are a reflection of each other.

26. Since the figures are symmetrical, this could be considered rotations, translations or reflections.