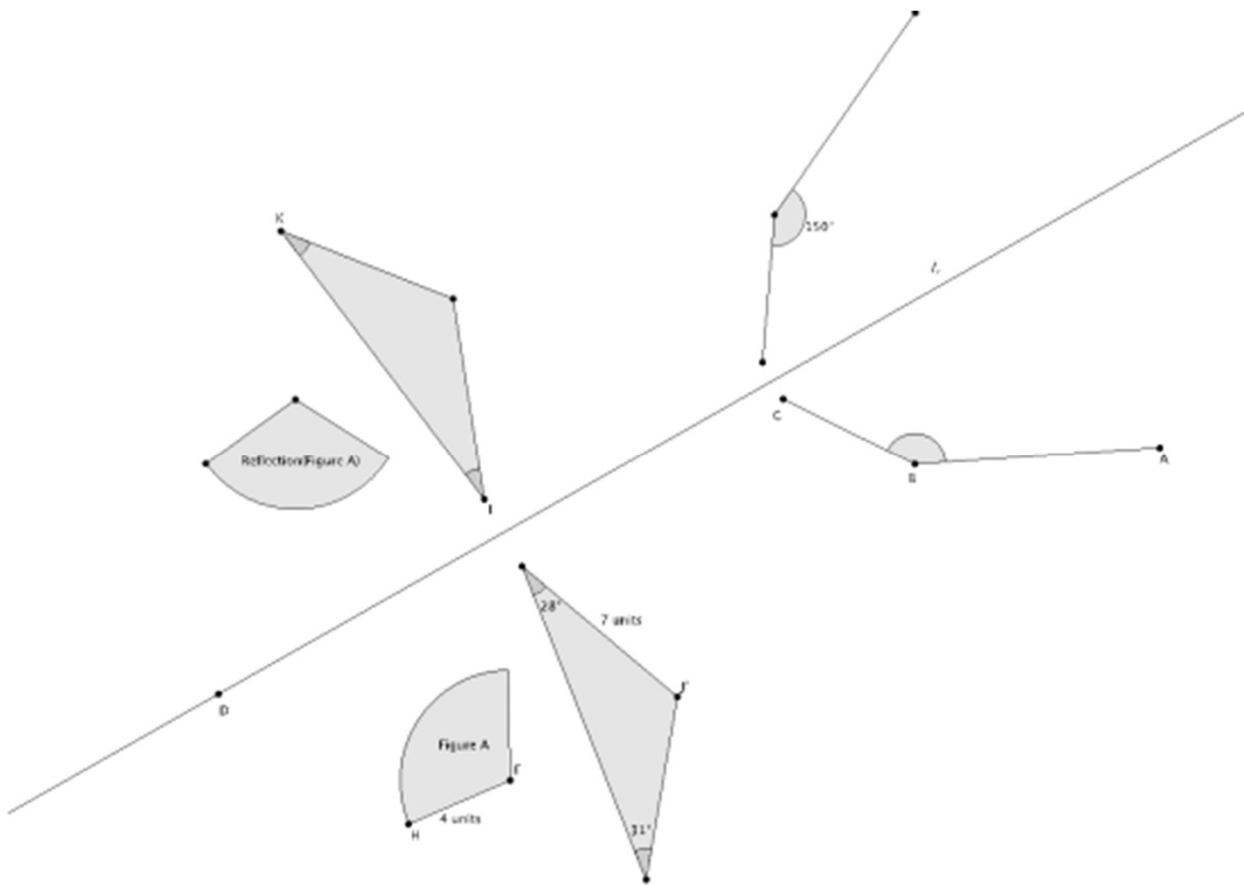


Reflection Worksheets

1. Reflect the images across line LL . Label the reflected images.



2. What is the measure of $\angle JKI$? $\angle KIJ$? $\angle ABC$? How do you know?

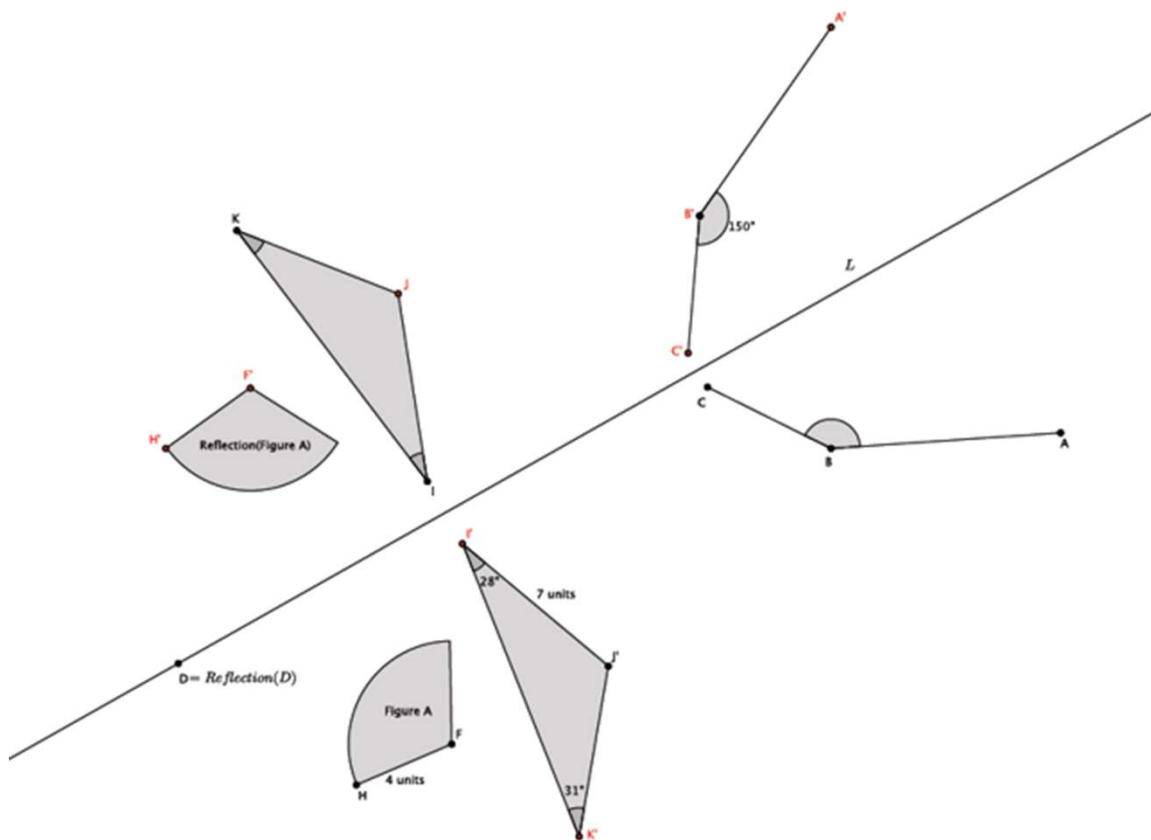
3. What is the length of segment $Reflection(FH)$? IJ ? How do you know?

4. What is the location of $Reflection(D)$? Explain.

Reflection Worksheets

1. Reflect the images across line LL . Label the reflected images.

Points are labeled in red.



2. What is the measure of $\angle JKI$? $\angle KIJ$? $\angle ABC$? How do you know?

$m\angle JKI = 31^\circ$, $m\angle KIJ = 28^\circ$, and $m\angle ABC = 150^\circ$.
Reflections preserve angle measures.

3. What is the length of segment $Reflection(FH)$? IJ ? How do you know?

$|Reflection(FH)| = 4$ units, and $IJ = 7$ units. Reflections preserve lengths of segments.

4. What is the location of $Reflection(D)$? Explain.

Point D and its image are in the same location on the plane. Point D was not moved to another part of the plane because it is on the line of reflection. The image of any point on the line of reflection will remain in the same location as the original point.