Vocabulary: Reflections



**Vocabulary**

* Image – a figure that has been transformed, compared to the original figure (the preimage).
	+ Transformations include resizing, reflecting, rotating, or translating a figure.
* Line of reflection – a line that a figure is flipped over to create its mirror image.

***m***

* + In the figure shown to the right, Δ*EFG* is the reflection of Δ*ABC*, and line *m* is the line of reflection.
	+ If you fold the figure shown to the right along line *m*, the triangles will match perfectly.
* Perpendicular bisector – a line, segment, or ray that is perpendicular to and bisects a line segment.
* Preimage – the original figure, before being transformed.
* Reflection – a mirror image.
	+ In the figure shown above, Δ*EFG* is the reflection of Δ*ABC* over line *m*, so Δ*EFG* is a mirror image of Δ*ABC*.