

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.
 - In the figure shown to the right, $\triangle EFG$ is the reflection of $\triangle ABC$, 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, $\triangle EFG$ is the reflection of $\triangle ABC$ over line m , so $\triangle EFG$ is a mirror image of $\triangle ABC$.

