

Name: _____ Date: _____ Period: _____

Mathematical Symbols

$=$: Equal sign. Used when comparing NUMBERS of equal value.	\cong : Congruent. Figures that are the same size and shape.
$m \angle C$: Measure of angle C. Set equal to a number.	\overline{GH} : Line segment with endpoints G and H. Line segments can be congruent to each other.
GH : The length of GH. It would equal a number.	\sim : Similar. Figures that have dilated to different sizes are similar.
$\triangle ABC$: Triangle ABC.	\overrightarrow{GH} : Ray GH. The letter on the left indicates the endpoint of the ray.
\perp : Perpendicular. Lines, rays, segments, and planes can all be perpendicular or at 90 degrees from the other.	\pm : Plus or Minus. Indicates 2 values.
$\angle ABC$: Angle ABC. Middle letter is always the vertex of the angle.	\parallel : Parallel. Used between segments, lines, rays, or planes
\overleftrightarrow{GH} : Infinite line GH. Lines are NOT equal or congruent to other lines.	$ x $: Absolute Value. The distance from zero and always positive.