|  |  |  |  |
| --- | --- | --- | --- |
| a polygon with all sides congruent | | = (n-2)180  http://geo-project.yolasite.com/resources/300631_Geo-06-01-01.jpg.jpg | |
| a polygon with all sides congruent | | = (n-2)180  n  http://geo-project.yolasite.com/resources/300631_Geo-06-01-01.jpg.jpg | |
| a polygon that is BOTH equilateral and equiangular  http://mathforum.org/sum95/math_and/poly/reg_polygons.gif | | = 360  http://hotmath.com/hotmath_help/topics/polygon-exterior-angle-sum-theorem/exterior-sum.gif | |
| A closed plane figure formed by three or more segments  http://t0.gstatic.com/images?q=tbn:ANd9GcSY8YTqupMhcVnTi_fA_0cM7uO48Br74Sd79ggQ6GM3Mab_Inx3og:img.sparknotes.com/figures/B/b333d91dce2882b2db48b8ad670cd15a/equi-polygons.gif | | = 360  n  http://hotmath.com/hotmath_help/topics/polygon-exterior-angle-sum-theorem/exterior-sum.gif | |
| (equation)  Sum of Int Ang. |  |  | Geometry  by Sharrer  Ch 6  p1/3  equilateral polygon |
| (equation)  1 Int Ang. |  |  | equiangular polygon |
| (equation)  Sum of Ext. Ang. |  |  | regular polygon |
| (equation)  1 Ext Ang. |  |  | polygon |
| =n  http://t3.gstatic.com/images?q=tbn:ANd9GcRmhhvvHSw61HJAwUVWT-vxRA-7aiUvr8gGuHoKavPr8a88KMnV9w:library.thinkquest.org/16661/media/regular.polygons/polygon.gif | | http://etc.usf.edu/clipart/20500/20598/equiltriangl_20598_lg.gif  Triangle | |
| = 360  n  http://www.emathematics.net/imagenes/symmetry15.gif | | http://etc.usf.edu/clipart/36500/36593/quad5_36593_md.gif  Quadrilateral | |
| http://etc.usf.edu/clipart/36100/36137/heptagon_36137_lg.gif | | http://etc.usf.edu/clipart/36100/36135/pentagon_36135_md.gif | |
| http://etc.usf.edu/clipart/36100/36138/octagon_36138_lg.gif | | http://media-cache-ak0.pinimg.com/736x/69/39/1c/69391c7de7560d169191e6e15c274aaf.jpg | |
| 3-Sided Polygon |  |  | Geometry  by Sharrer  Ch 6  p2/3  (equation)  # of Lines of Symmetry |
| 4-Sided Polygon |  |  | (equation)  Degree of Rotational Symmetry |
| 5-Sided Polygon |  |  | 7-Sided Polygon |
| 6-Sided Polygon |  |  | 8-Sided Polygon |
| Nonagon | | a quadrilateral with both pairs of opposite sides parallel  http://t2.gstatic.com/images?q=tbn:ANd9GcQdmb3bNB8s_omKC8pXjzbZQOR2YgkXqmFsauCTOgZee1Tf8TIT:dj1hlxw0wr920.cloudfront.net/userfiles/wyzfiles/50f05aca-3f63-4f4a-8a91-6c020fec6442.gif | |
| Decagon | | a parallelogram with 4 congruent sides  http://t2.gstatic.com/images?q=tbn:ANd9GcS-osswlWaD-lPwvkagkMUheVsqdZTCN_N67rEVDhBu3g-AarLD:upload.wikimedia.org/wikipedia/commons/a/a8/Rhmbs_Geometry.png | |
| http://t0.gstatic.com/images?q=tbn:ANd9GcTpyp89r6r5_m7a9iV3Wqqz1WCqdO8YCgwvbXagzINXEzv90dPGNg:etc.usf.edu/clipart/37300/37387/11-gon_37387_md.gif  Undecagon | | a parallelogram with 4 right angles  http://t1.gstatic.com/images?q=tbn:ANd9GcRdJAMLjFd5dOM5fxozFK_DJpE_JadhCnUX_pug36j5JwLLrM7EnQ:www.misterteacher.com/everything_geometry/rectanglesymbols.gif | |
| http://t2.gstatic.com/images?q=tbn:ANd9GcSKMAYgNl8ZmblpkK_-ShXo91PiuxAlZSUKA5ORyvTMZ9kRqKXx:etc.usf.edu/clipart/36100/36140/dodecagon_36140_lg.gif | | a parallelogram with  4 congruent sides AND  4 right angles  http://t0.gstatic.com/images?q=tbn:ANd9GcQgDAiV6-_eFbEFnwUFjzCivSRPlGglvq5txsbIrifOHsZkpEmv:https://share.ehs.uen.org/sites/default/files/images/square_0.png | |
| parallelogram |  |  | Geometry  by Sharrer  Ch 6  p3/3  9-Sided Polygon |
| rhombus |  |  | 10-Sided Polygon |
| rectangle |  |  | 11-Sided Polygon |
| square |  |  | 12-Sided Polygon |