|  |  |
| --- | --- |
|  a polygon with all sides congruent  | = (n-2)180http://geo-project.yolasite.com/resources/300631_Geo-06-01-01.jpg.jpg |
| a polygon with all sides congruent  | = (n-2)180 nhttp://geo-project.yolasite.com/resources/300631_Geo-06-01-01.jpg.jpg |
| a polygon that is BOTH equilateral and equiangularhttp://mathforum.org/sum95/math_and/poly/reg_polygons.gif | = 360http://hotmath.com/hotmath_help/topics/polygon-exterior-angle-sum-theorem/exterior-sum.gif |
| A closed plane figure formed by three or more segmentshttp://t0.gstatic.com/images?q=tbn:ANd9GcSY8YTqupMhcVnTi_fA_0cM7uO48Br74Sd79ggQ6GM3Mab_Inx3og:img.sparknotes.com/figures/B/b333d91dce2882b2db48b8ad670cd15a/equi-polygons.gif | = 360 nhttp://hotmath.com/hotmath_help/topics/polygon-exterior-angle-sum-theorem/exterior-sum.gif |
| (equation)Sum of Int Ang. |  |  | Geometryby SharrerCh 6p1/3equilateral polygon |
| (equation)1 Int Ang. |  |  | equiangular polygon  |
| (equation)Sum of Ext. Ang. |  |  | regular polygon |
| (equation)1 Ext Ang. |  |  | polygon |
|  =nhttp://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.gifTriangle |
| = 360 nhttp://www.emathematics.net/imagenes/symmetry15.gif | http://etc.usf.edu/clipart/36500/36593/quad5_36593_md.gifQuadrilateral |
| 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 |  |  | Geometryby SharrerCh 6p2/3(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 parallelhttp://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 sideshttp://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.gifUndecagon | a parallelogram with 4 right angleshttp://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 angleshttp://t0.gstatic.com/images?q=tbn:ANd9GcQgDAiV6-_eFbEFnwUFjzCivSRPlGglvq5txsbIrifOHsZkpEmv:https://share.ehs.uen.org/sites/default/files/images/square_0.png |
| parallelogram |  |  | Geometryby SharrerCh 6p3/39-Sided Polygon |
| rhombus |  |  | 10-Sided Polygon |
| rectangle |  |  | 11-Sided Polygon |
| square |  |  | 12-Sided Polygon  |