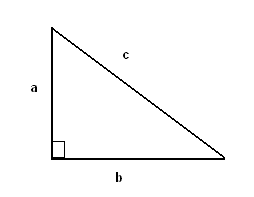
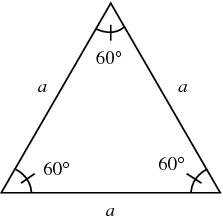
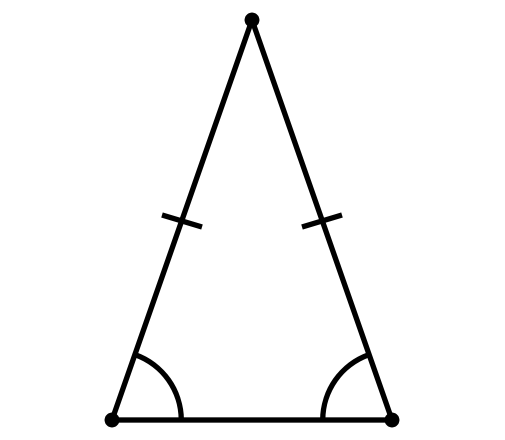
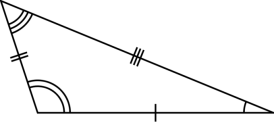
**Study Guide**

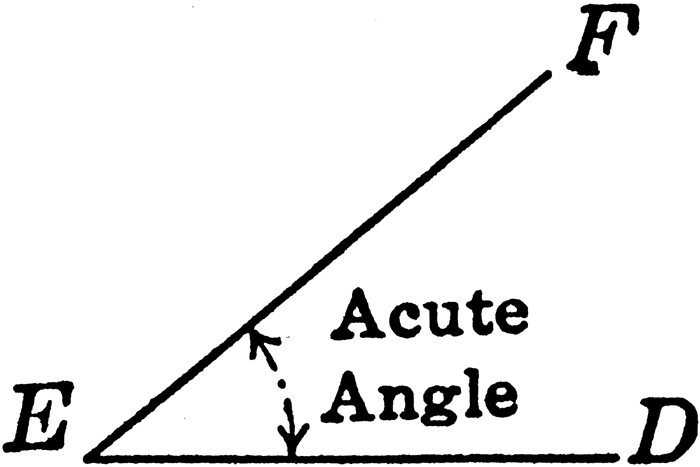
**Right Triangle – A triangle that has one right angle. [](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=cvIxFM2Fyw5EbM&tbnid=Rvof9D8AyDOvPM:&ved=0CAUQjRw&url=http://www.analyzemath.com/Geometry/formulas/table_formulas_geometry.html&ei=dAMpUf2rIKrK2AXKo4HYCg&bvm=bv.42768644,d.b2I&psig=AFQjCNEOWH3mFF1cO2_RvtIytEnGUhtNJA&ust=1361728754982626)**

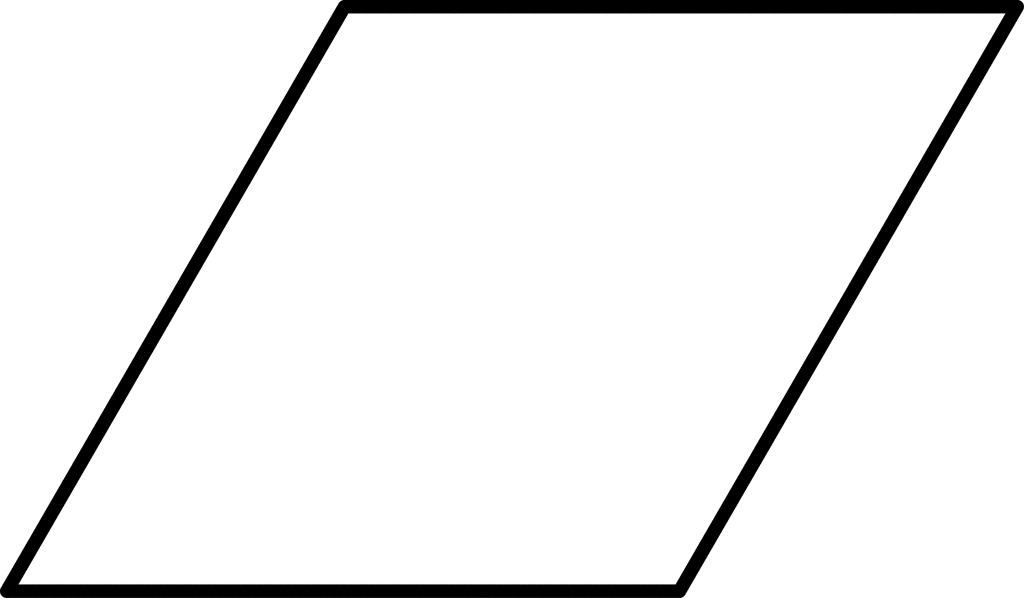
**Equilateral Triangle – A triangle with all sides equal. [](http://www.google.com/url?sa=i&source=images&cd=&cad=rja&docid=UsjvV-kJyQWckM&tbnid=lyGaI-K4yxgloM:&ved=0CAgQjRwwAA&url=http://mathworld.wolfram.com/EquilateralTriangle.html&ei=fAcpUaGiDuHa2wXYw4AI&psig=AFQjCNFmxLdX7YEx23nRP9b19FwHx3fPpg&ust=1361729788274572)**

**Isosceles Triangle – A triangle with at least two equal sides. [](http://www.google.com/url?sa=i&rct=j&q=isosceles+triangle&source=images&cd=&cad=rja&docid=7C3hpFoogODWQM&tbnid=H-lD61C3lxaaoM:&ved=0CAUQjRw&url=http://nblindgren.wordpress.com/2010/06/23/isosceles-triangle/&ei=uQcpUf2KDubY2QW1r4HYDw&bvm=bv.42768644,d.b2I&psig=AFQjCNGV_wDm-Y0E560ZfHgk714vG0oGLQ&ust=1361729841629770)**

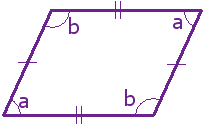
**Scalene Triangle - A triangle with no congruent sides. [](http://www.google.com/url?sa=i&rct=j&q=scalene+triangle&source=images&cd=&cad=rja&docid=tvgJOxgrHfO7GM&tbnid=DoenOVMD7_0UQM:&ved=0CAUQjRw&url=http://knowyourmeme.com/memes/ah-the-scalene-triangle&ei=8gcpUdbrBoyE2QX6mYCgDg&bvm=bv.42768644,d.b2I&psig=AFQjCNFCvHVwpgK5d29eNOseLekK-sNzzg&ust=1361729886834252)**

**Remember all the angles in a triangle add up to 180 degrees.**

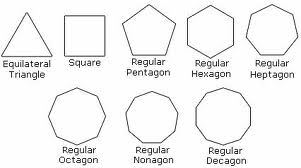
**Acute Angle - An angle that is less than 90 degrees. [](http://www.google.com/url?sa=i&rct=j&q=acute+angle&source=images&cd=&cad=rja&docid=k5gnjcxI64eS2M&tbnid=IR0TMn6uNJt5GM:&ved=0CAUQjRw&url=http://nicecliparts.com/images-Acute_Angle.php&ei=JwgpUZJDxbTbBe2ZgaAK&bvm=bv.42768644,d.b2I&psig=AFQjCNEQHtOhw2mnMgwYxKcrMGnrajzBlQ&ust=1361729954814158)**

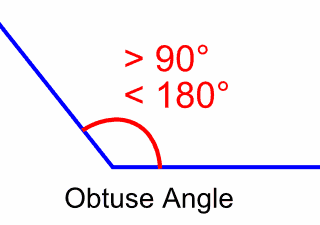
**Rhombus - 4 equal sides with two equal angles. [](http://www.google.com/url?sa=i&rct=j&q=rhombus&source=images&cd=&cad=rja&docid=8jCirq8Pl0hp2M&tbnid=sF5Yo_rIqJ27qM:&ved=0CAUQjRw&url=http://etc.usf.edu/clipart/40600/40683/pb_rhm_40683.htm&ei=aAgpUYbwL8T72QWIm4GoAQ&bvm=bv.42768644,d.b2I&psig=AFQjCNE0lMfBp87V0lZDnRQSH8T3ISMdgg&ust=1361730012876961)**

**Parallelogram - 2 opposite sides that are parallel, and 2 pairs of opposite sides that are equal.**

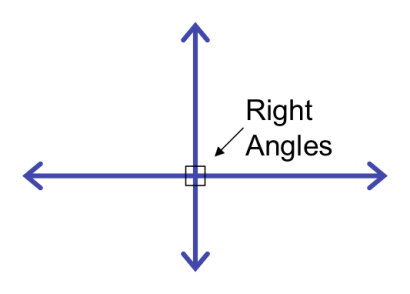
**[](http://www.google.com/url?sa=i&rct=j&q=parallelogram&source=images&cd=&cad=rja&docid=mskTItKKLYF34M&tbnid=IEMmCw81ZRptZM:&ved=0CAUQjRw&url=http://www.mathsisfun.com/geometry/parallelogram.html&ei=wggpUdXnMqrK2AXKo4HYCg&bvm=bv.42768644,d.b2I&psig=AFQjCNF2CWR3lfpHs0G61wyF-D67_ONvhQ&ust=1361730111170285)**

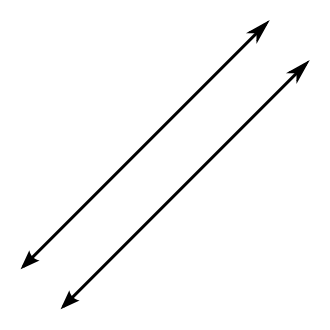
**Trapezoid – Exactly 1 pair of parallel sides. [](http://www.google.com/url?sa=i&rct=j&q=trapezoid&source=images&cd=&cad=rja&docid=nfeSfUr2POx4kM&tbnid=dIqdKqK7SL8CpM:&ved=0CAUQjRw&url=http://en.wikipedia.org/wiki/File:Isosceles_trapezoid.jpg&ei=_QgpUYrkH-LC2gX494HIBA&bvm=bv.42768644,d.b2I&psig=AFQjCNH3Htm1lEy1jJIdp2Kh2dO5EVIp0w&ust=1361730159194834)**

**Regular Polygon - A closed figure made up of sides that do not cross. All sides are equal lengths and all angles are equal measures. [](http://www.google.com/url?sa=i&rct=j&q=polygon&source=images&cd=&cad=rja&docid=c86D7JcWywatMM&tbnid=UJg8CM_2W_H5lM:&ved=0CAUQjRw&url=http://www.icoachmath.com/math_dictionary/Regular_Polygon.html&ei=MQkpUe75GNGC2gW354CIDg&bvm=bv.42768644,d.b2I&psig=AFQjCNEUgBksizw0dV9asqPKpb9MaUI8VA&ust=1361730217486521)**

**Obtuse Angle – An angle which is more than 90 degrees but less than 180 degrees. [](http://www.google.com/url?sa=i&rct=j&q=obtuse+angle&source=images&cd=&cad=rja&docid=3_cGWFMzpnUt6M&tbnid=XnNgJoph1QNgNM:&ved=0CAUQjRw&url=http://www.mathsisfun.com/definitions/obtuse-angle.html&ei=UAkpUfS8C6Pq2gWRx4DgCw&bvm=bv.42768644,d.b2I&psig=AFQjCNEdksgWqh2Cx6srxYe5G1N1oMT0YQ&ust=1361730252784079)**

**Non-Regular Polygon – Not all sides or angles are equal. [](http://www.google.com/url?sa=i&rct=j&q=non+regular+polygon&source=images&cd=&cad=rja&docid=e961YZcDiBTQqM&tbnid=z8g_bzfOpWtjAM:&ved=0CAUQjRw&url=http://www.k6-geometric-shapes.com/geometry-vocabulary.html&ei=fwkpUeOLJ8T42QXt9IDgCg&bvm=bv.42768644,d.b2I&psig=AFQjCNEKTmlf6K9rtsTyHzoynBU0TMPg1Q&ust=1361730295057189)**

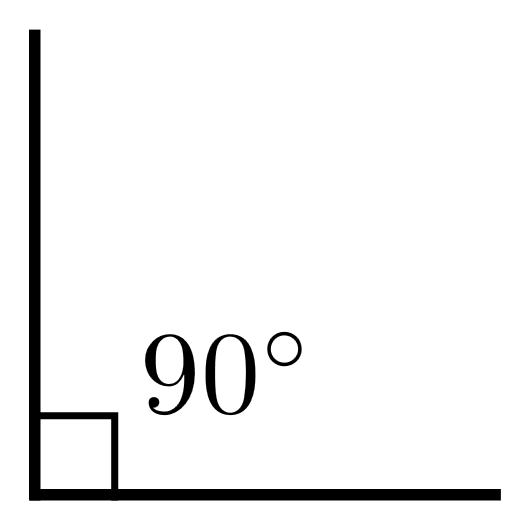
**Perpendicular Lines – Lines that cross to form a right angle. [](http://www.google.com/url?sa=i&rct=j&q=perpendicular+lines&source=images&cd=&cad=rja&docid=5ZJzTM7sFa9MnM&tbnid=XaV02lGVinfznM:&ved=0CAUQjRw&url=http://www.webquest.hawaii.edu/kahihi/mathdictionary/P/perpendicular.php&ei=AwopUe32DJT22QXAyYDQDA&bvm=bv.42768644,d.b2I&psig=AFQjCNFhGZiZ-SBpKk8xCGn9sVe_4c_wrw&ust=1361730426448238)**

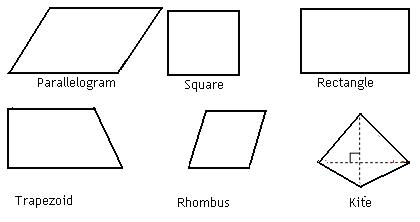
**Congruent Lines – Lines that are the same length. [](http://www.google.com/url?sa=i&rct=j&q=Parallel+lines&source=images&cd=&cad=rja&docid=JggTLbanuls42M&tbnid=AdUUxND_1lcSuM:&ved=0CAUQjRw&url=http://en.wikipedia.org/wiki/File:Two_Parallel_lines.svg&ei=tgopUZ_NA4nu2gWOsIE4&bvm=bv.42768644,d.b2I&psig=AFQjCNGECJ0u0jg84rQXqmgVhCPj--27TA&ust=1361730610062878)**

**Straight line = A straight lines angle degree is 180.**

**Area: Length X Width**

**Perimeter: Add up all of sides lengths.**

**Right Angle – An angle that equals 90 degrees.** 

**Quadrilateral – A four sided figure with four angles. [](http://www.google.com/url?sa=i&rct=j&q=Quadrilaterals&source=images&cd=&cad=rja&docid=8vAniaEyVroj8M&tbnid=RW0SPp0JKp_hxM:&ved=0CAUQjRw&url=http://www.winpossible.com/lessons/Geometry_Getting_Started_-_Quadrilaterals.html&ei=CwspUfH7EYa32wWs5YCABQ&bvm=bv.42768644,d.b2I&psig=AFQjCNH-043N3gNJkz7xKPpa4p6K30cneg&ust=1361730686161552)**