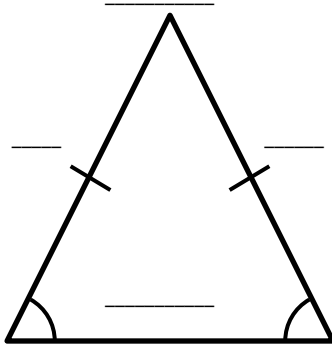


Geometry

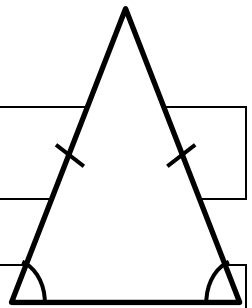
5.4 Equilateral and Isosceles Triangles

Parts of an Isosceles Triangle



Base Angles Theorem

If _____ sides of a _____ are _____, then the _____ opposite them are _____.



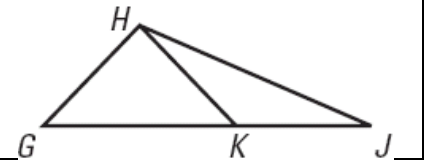
Converse of Base Angles Theorem

If _____ angles of a _____ are _____, then the _____ sides opposite them are _____.

Complete the statement

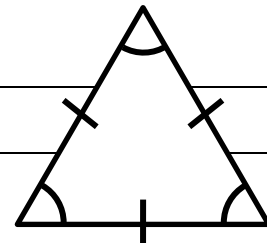
If $\overline{HG} \cong \overline{HK}$, then $\angle _____ \cong \angle _____$.

If $\angle KHJ \cong \angle KJH$, then $_____ \cong _____$.



Corollary to the Base Angles Theorem

If a triangle is _____, then it is _____.

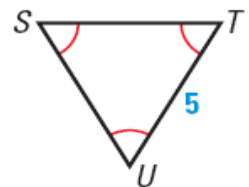


Corollary to the Converse of Base Angles Theorem

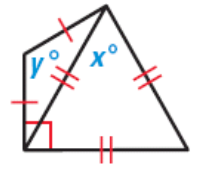
If a triangle is _____, then it is _____.

Find $\angle S$

Find $m\angle T$



Find the values of x and y



Assignment: 248 #2, 4, 6, 8, 12, 14, 16, 18, 20, 21, 22, 24, 27, 28, 30, 36, 38, 39, 40, 43 = 20 total