

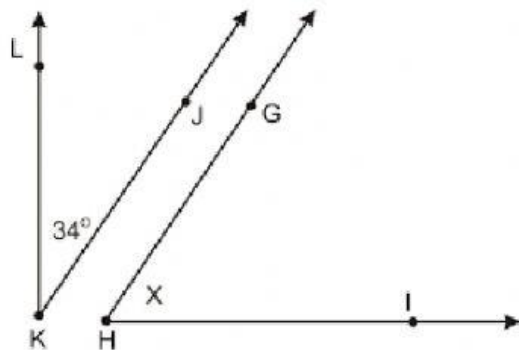
Grade 6 Angles Test

Name: _____

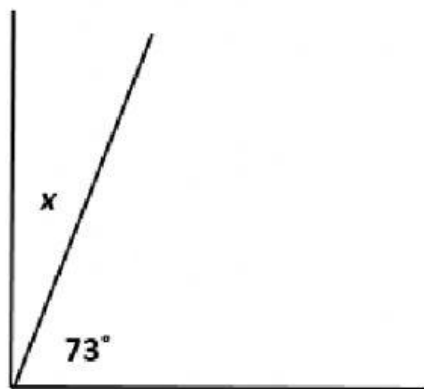
1. An angle is the amount of _____ between two _____ which are connected at a _____.
2. Angles smaller than a right angle are called _____.
3. Angles $>90^\circ$ and $< 180^\circ$ are called _____.
4. Angles are called _____ if the sum of their measurements add up to 90° .
5. Angles are called _____ if the sum of their measurements add up to 180° .
6. A right angle measures _____. This property is used to calculate the value of complementary angles.
7. A straight angle measures _____: this property is used when calculating the measurements of supplementary angles. It is also used when determining the _____ angles of a polygon.
8. Calculate the missing angle using what you have been taught about the properties of angles.

a. $\angle LKJ = 34^\circ$

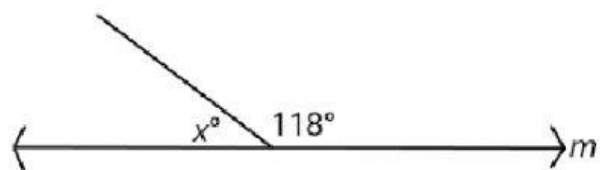
Therefore, $\angle GHI =$ _____



b. $X =$ _____

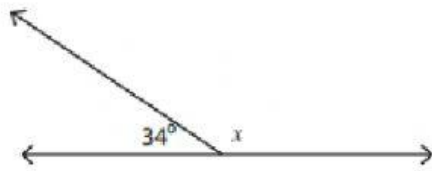


c. $X =$ _____.



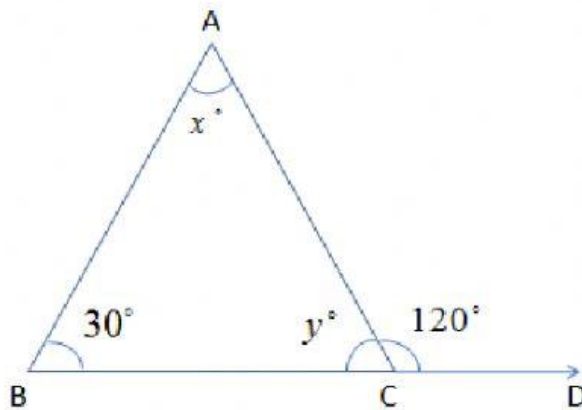
d. Look at the image **below**.

$X =$ _____



$x =$ _____

e. Look at the triangle below. $\angle ACB =$ _____



f. Look at the regular quadrilateral below.

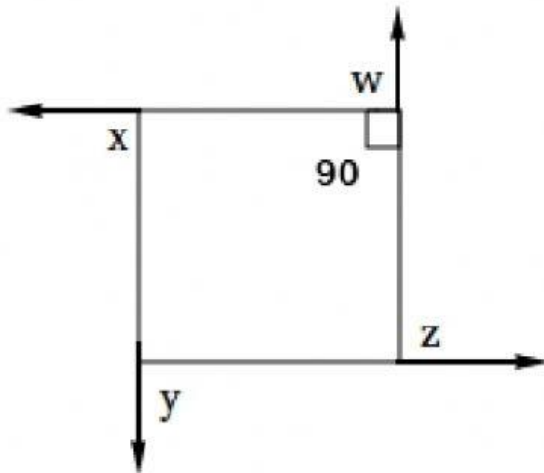
Calculate the value for the exterior angles w, x, z, y .

$X =$ _____

$z =$ _____

$Y =$ _____

$y =$ _____



9. An angle that is $> 180^\circ$ but $< 360^\circ$ is called a _____ angle.
10. If someone is standing facing North and turns once, all the way around until they are facing North again, we can say they turned _____ $^\circ$.