

Monster Circle Angles Puzzle

Name: Answer Key

\overline{AD} is tangent to $\odot H$ at point C

\overline{FK} is tangent to $\odot H$ at point G

\overline{CJ} is a diameter

$m\angle 2 = 89^\circ$

$\widehat{CB} = 23^\circ$

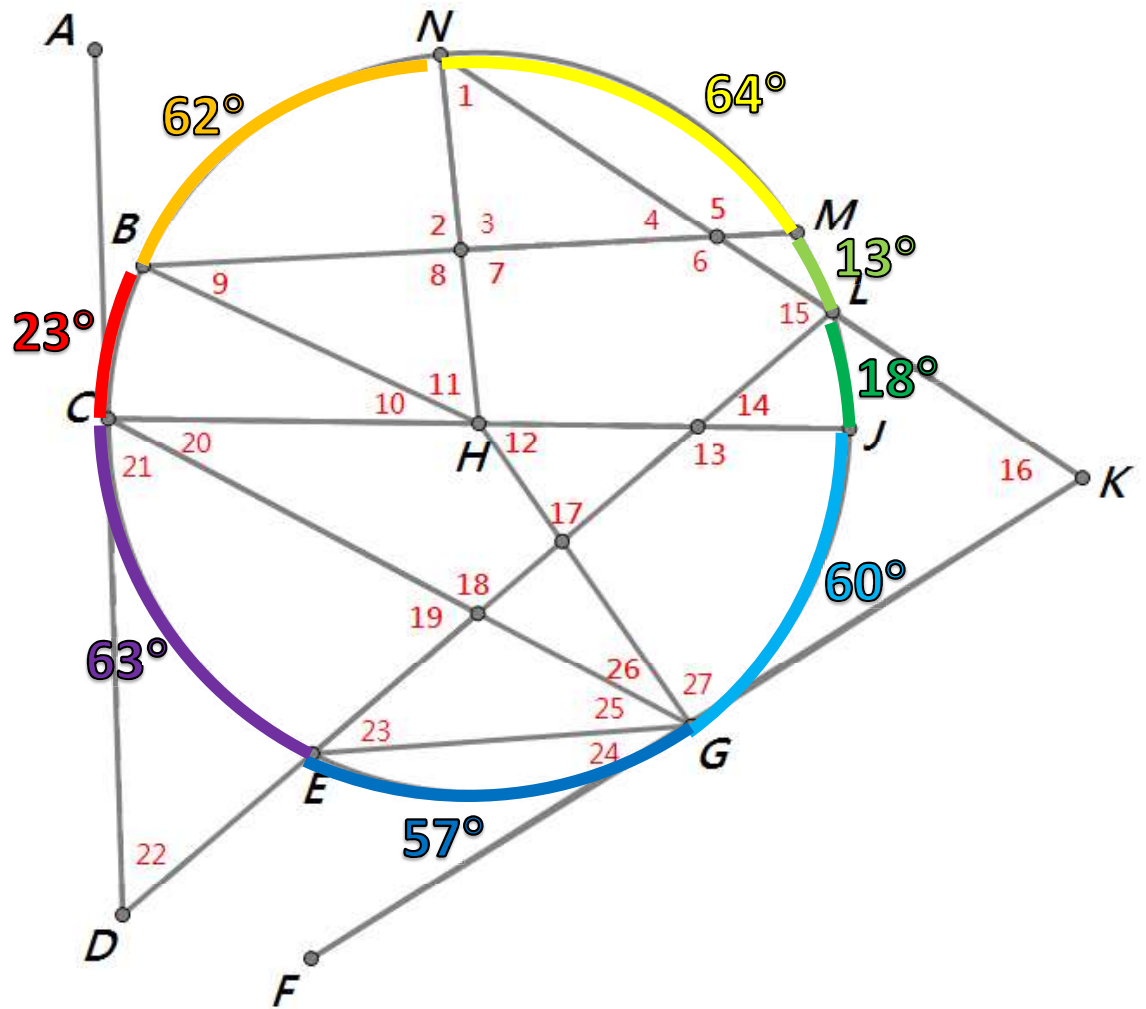
$\widehat{BN} = 62^\circ$

$\widehat{NM} = 64^\circ$

$\widehat{LJ} = 18^\circ$

$\widehat{CE} = 63^\circ$

$\widehat{EG} = 57^\circ$



$\angle 1 =$	51.5°	$\angle 9 =$	27°	$\angle 17 =$	79.5°	$\angle 25 =$	31.5°
$\angle 2 =$	89°	$\angle 10 =$	23°	$\angle 18 =$	109.5°	$\angle 26 =$	30°
$\angle 3 =$	91°	$\angle 11 =$	62°	$\angle 19 =$	70.5°	$\angle 27 =$	90°
$\angle 4 =$	37.5°	$\angle 12 =$	60°	$\angle 20 =$	30°		
$\angle 5 =$	142.5°	$\angle 13 =$	139.5°	$\angle 21 =$	60°		
$\angle 6 =$	142.5°	$\angle 14 =$	40.5°	$\angle 22 =$	49.5°		
$\angle 7 =$	89°	$\angle 15 =$	74°	$\angle 23 =$	39°		
$\angle 8 =$	91°	$\angle 16 =$	63.5°	$\angle 24 =$	28.5°		