

Geometry: Angles About a Point

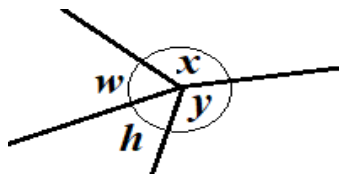
Use your knowledge of angles to find angle "y":

Date:

Name:

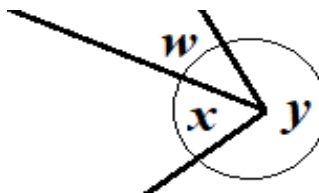
<http://www.learnersgrid.com>

[1]



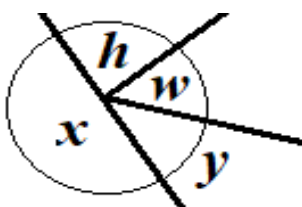
angle $h = 38^\circ$
 angle $w = 50^\circ$
 angle $x = 124^\circ$
 angle $y = ?$

[2]



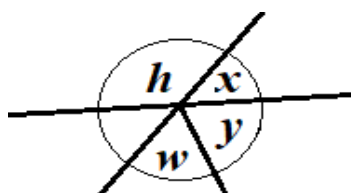
angle $w = 18^\circ$
 angle $x = 49^\circ$
 angle $y = ?$

[3]



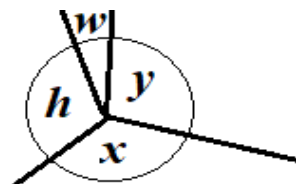
angle $h = 86^\circ$
 angle $w = 47^\circ$
 angle $x = 180^\circ$
 angle $y = ?$

[4]



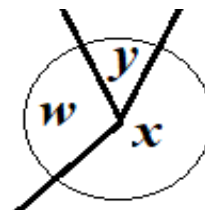
angle $h = 112^\circ$
 angle $w = 58^\circ$
 angle $y = ?$

[5]



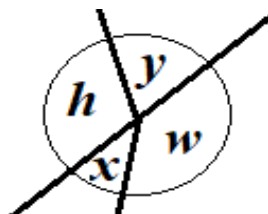
angle $h = 89^\circ$
 angle $w = 10^\circ$
 angle $x = 180^\circ$
 angle $y = ?$

[6]



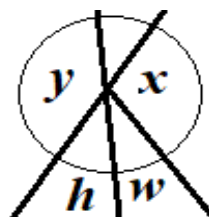
angle $x = 200^\circ$
 angle $w = 125^\circ$
 angle $y = ?$

[7]



angle $h = 113^\circ$
 angle $w = 154^\circ$
 angle $y = ?$

[8]



angle $h = 20^\circ$
 angle $w = 17^\circ$
 angle $x = 143^\circ$
 angle $y = ?$

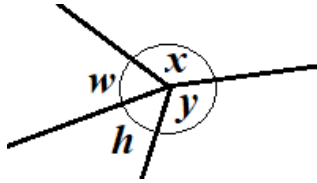
Geometry: Angles About a Point

Use your knowledge of angles to find angle "y":

ANSWERS

<http://www.learnersgrid.com>

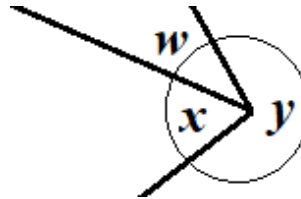
[1]



angle $h = 38^\circ$
angle $w = 50^\circ$
angle $x = 124^\circ$

angle $y = 148^\circ$

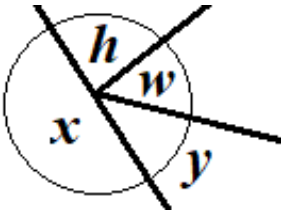
[2]



angle $w = 18^\circ$
angle $x = 49^\circ$

angle $y = 293^\circ$

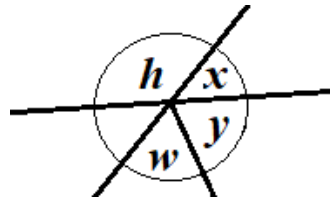
[3]



angle $h = 86^\circ$
angle $w = 47^\circ$
angle $x = 180^\circ$

angle $y = 47^\circ$

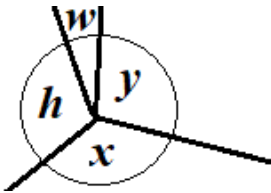
[4]



angle $h = 112^\circ$
angle $w = 58^\circ$

angle $y = 54^\circ$

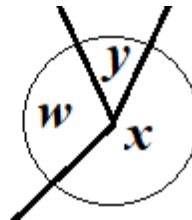
[5]



angle $h = 89^\circ$
angle $w = 10^\circ$
angle $x = 180^\circ$

angle $y = 81^\circ$

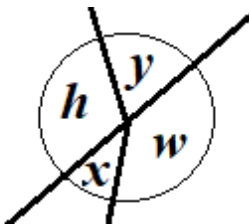
[6]



angle $x = 200^\circ$
angle $w = 125^\circ$

angle $y = 35^\circ$

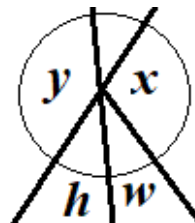
[7]



angle $h = 113^\circ$
angle $w = 154^\circ$

angle $y = 67^\circ$

[8]



angle $h = 20^\circ$
angle $w = 17^\circ$
angle $x = 143^\circ$

angle $y = 160^\circ$