

Geometry: Angles About a Point

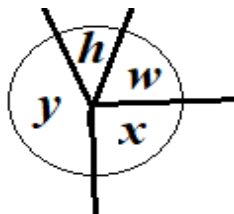
Use your knowledge of angles to find angle "y":

Date:

Name:

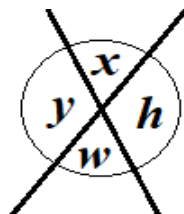
<http://www.learnersgrid.com>

[1]



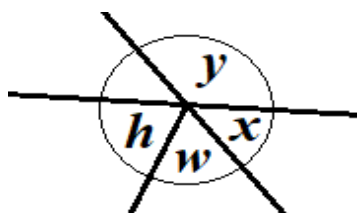
angle $h = 21^\circ$
 angle $w = 75^\circ$
 angle $x = 89^\circ$
angle $y = ?$

[2]



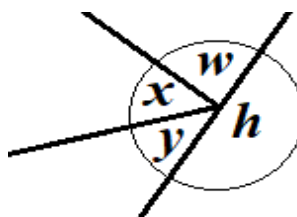
angle $h = 116^\circ$
 angle $x = 64^\circ$
angle $y = ?$

[3]



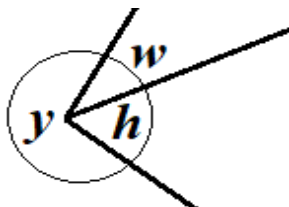
angle $h = 79^\circ$
 angle $w = 49^\circ$
 angle $x = 52^\circ$
angle $y = ?$

[4]



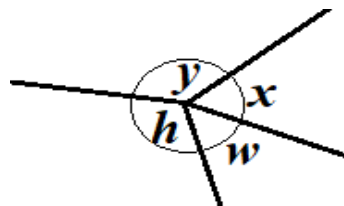
angle $h = 180^\circ$
 angle $w = 90^\circ$
 angle $x = 40^\circ$
angle $y = ?$

[5]



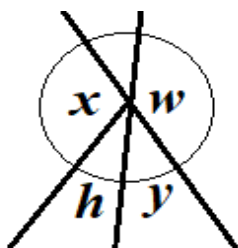
angle $h = 78^\circ$
 angle $w = 26^\circ$
angle $y = ?$

[6]



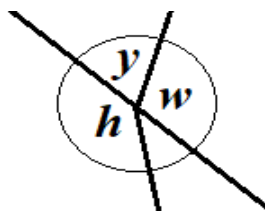
angle $h = 138^\circ$
 angle $w = 42^\circ$
 angle $x = 49^\circ$
angle $y = ?$

[7]



angle $h = 17^\circ$
 angle $w = 150^\circ$
 angle $x = 133^\circ$
angle $y = ?$

[8]



angle $h = 152^\circ$
 angle $w = 133^\circ$
angle $y = ?$

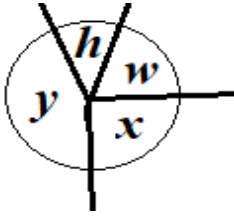
Geometry: Angles About a Point

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

ANSWERS

<http://www.learnersgrid.com>

[1]



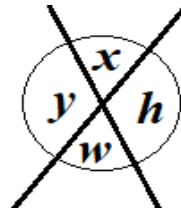
angle $h = 21^\circ$

angle $w = 75^\circ$

angle $x = 89^\circ$

angle $y = 175^\circ$

[2]

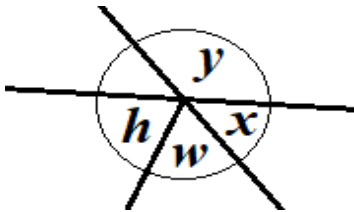


angle $h = 116^\circ$

angle $x = 64^\circ$

angle $y = 116^\circ$

[3]



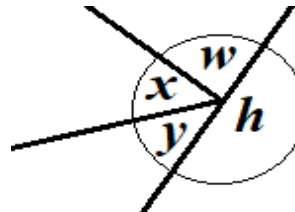
angle $h = 79^\circ$

angle $w = 49^\circ$

angle $x = 52^\circ$

angle $y = 128^\circ$

[4]



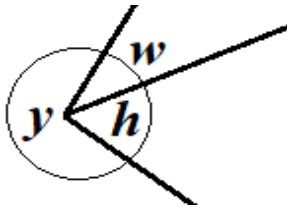
angle $h = 180^\circ$

angle $w = 90^\circ$

angle $x = 40^\circ$

angle $y = 50^\circ$

[5]

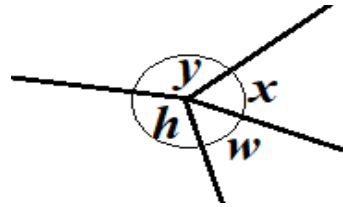


angle $h = 78^\circ$

angle $w = 26^\circ$

angle $y = 256^\circ$

[6]



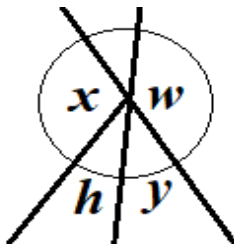
angle $h = 138^\circ$

angle $w = 42^\circ$

angle $x = 49^\circ$

angle $y = 131^\circ$

[7]



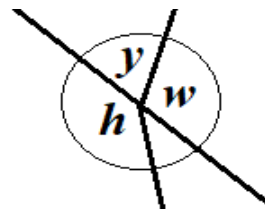
angle $h = 17^\circ$

angle $w = 150^\circ$

angle $x = 133^\circ$

angle $y = 30^\circ$

[8]



angle $h = 152^\circ$

angle $w = 133^\circ$

angle $y = 47^\circ$