

Geometry: Angles About a Point

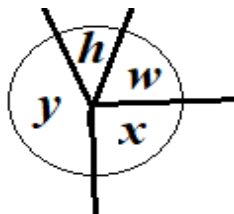
Use your knowledge of angles to find angle "y":

Date:

Name:

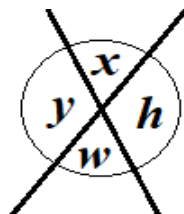
<http://www.learnersgrid.com>

[1]



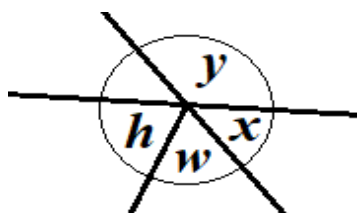
angle $h = 20^\circ$
 angle $w = 73^\circ$
 angle $x = 94^\circ$
 angle $y = ?$

[2]



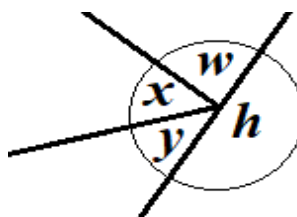
angle $h = 121^\circ$
 angle $x = 59^\circ$
 angle $y = ?$

[3]



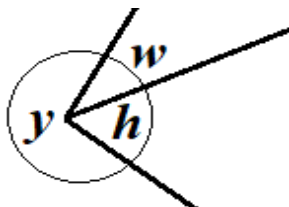
angle $h = 75^\circ$
 angle $w = 50^\circ$
 angle $x = 55^\circ$
 angle $y = ?$

[4]



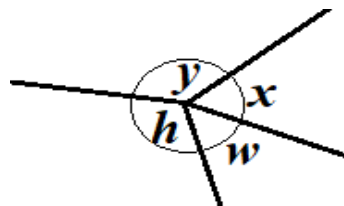
angle $h = 180^\circ$
 angle $w = 92^\circ$
 angle $x = 39^\circ$
 angle $y = ?$

[5]



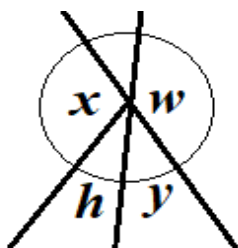
angle $h = 77^\circ$
 angle $w = 22^\circ$
 angle $y = ?$

[6]



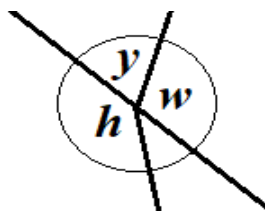
angle $h = 140^\circ$
 angle $w = 45^\circ$
 angle $x = 47^\circ$
 angle $y = ?$

[7]



angle $h = 11^\circ$
 angle $w = 157^\circ$
 angle $x = 146^\circ$
 angle $y = ?$

[8]



angle $h = 146^\circ$
 angle $w = 125^\circ$
 angle $y = ?$

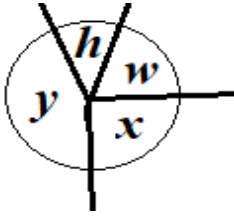
Geometry: Angles About a Point

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

ANSWERS

<http://www.learnersgrid.com>

[1]



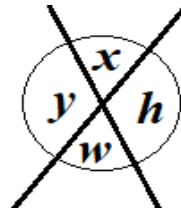
angle $h = 20^\circ$

angle $w = 73^\circ$

angle $x = 94^\circ$

angle $y = 173^\circ$

[2]

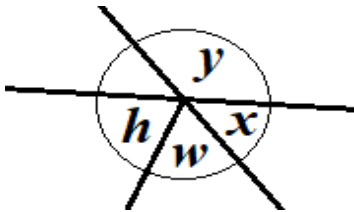


angle $h = 121^\circ$

angle $x = 59^\circ$

angle $y = 121^\circ$

[3]



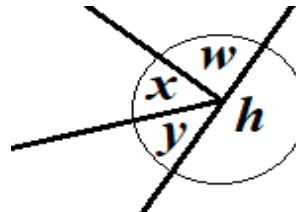
angle $h = 75^\circ$

angle $w = 50^\circ$

angle $x = 55^\circ$

angle $y = 125^\circ$

[4]



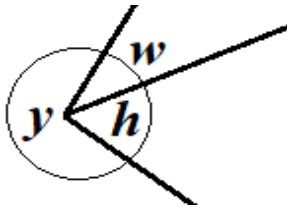
angle $h = 180^\circ$

angle $w = 92^\circ$

angle $x = 39^\circ$

angle $y = 49^\circ$

[5]

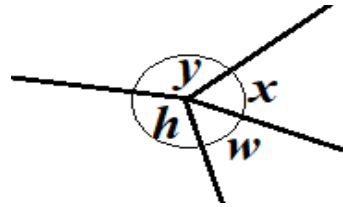


angle $h = 77^\circ$

angle $w = 22^\circ$

angle $y = 261^\circ$

[6]



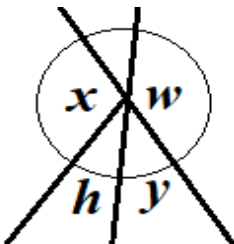
angle $h = 140^\circ$

angle $w = 45^\circ$

angle $x = 47^\circ$

angle $y = 128^\circ$

[7]



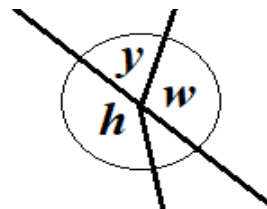
angle $h = 11^\circ$

angle $w = 157^\circ$

angle $x = 146^\circ$

angle $y = 23^\circ$

[8]



angle $h = 146^\circ$

angle $w = 125^\circ$

angle $y = 55^\circ$