

Geometry: Angles About a Point

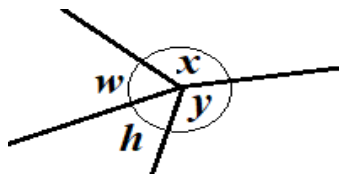
Use your knowledge of angles to find angle "y":

Date:

Name:

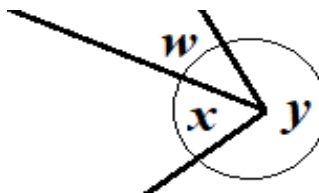
<http://www.learnersgrid.com>

[1]



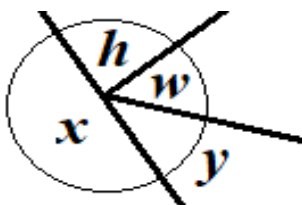
angle $h = 35^\circ$
 angle $w = 44^\circ$
 angle $x = 128^\circ$
 angle $y = ?$

[2]



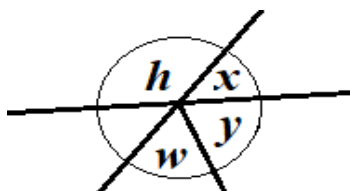
angle $w = 20^\circ$
 angle $x = 58^\circ$
 angle $y = ?$

[3]



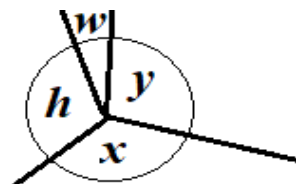
angle $h = 86^\circ$
 angle $w = 47^\circ$
 angle $x = 180^\circ$
 angle $y = ?$

[4]



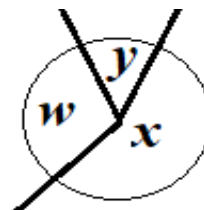
angle $h = 123^\circ$
 angle $w = 50^\circ$
 angle $y = ?$

[5]



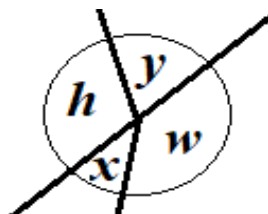
angle $h = 84^\circ$
 angle $w = 11^\circ$
 angle $x = 180^\circ$
 angle $y = ?$

[6]



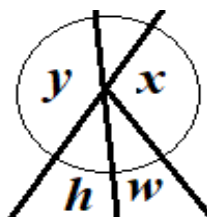
angle $x = 192^\circ$
 angle $w = 114^\circ$
 angle $y = ?$

[7]



angle $h = 111^\circ$
 angle $w = 160^\circ$
 angle $y = ?$

[8]



angle $h = 23^\circ$
 angle $w = 20^\circ$
 angle $x = 137^\circ$
 angle $y = ?$

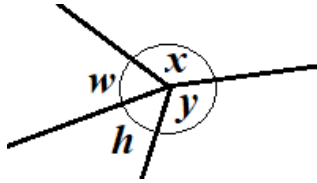
Geometry: Angles About a Point

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

ANSWERS

<http://www.learnersgrid.com>

[1]



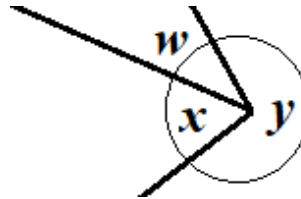
angle $h = 35^\circ$

angle $w = 44^\circ$

angle $x = 128^\circ$

angle $y = 153^\circ$

[2]

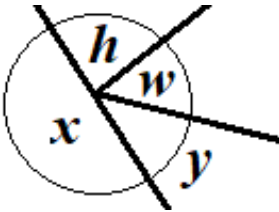


angle $w = 20^\circ$

angle $x = 58^\circ$

angle $y = 282^\circ$

[3]



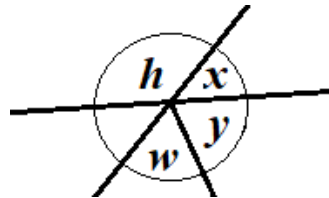
angle $h = 86^\circ$

angle $w = 47^\circ$

angle $x = 180^\circ$

angle $y = 47^\circ$

[4]

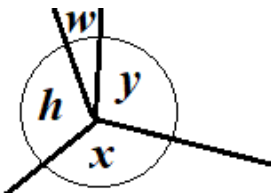


angle $h = 123^\circ$

angle $w = 50^\circ$

angle $y = 73^\circ$

[5]



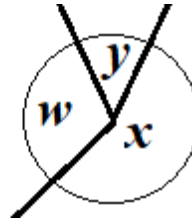
angle $h = 84^\circ$

angle $w = 11^\circ$

angle $x = 180^\circ$

angle $y = 85^\circ$

[6]

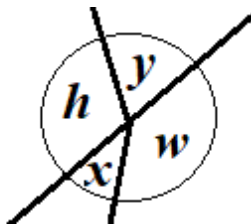


angle $x = 192^\circ$

angle $w = 114^\circ$

angle $y = 54^\circ$

[7]

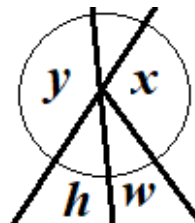


angle $h = 111^\circ$

angle $w = 160^\circ$

angle $y = 69^\circ$

[8]



angle $h = 23^\circ$

angle $w = 20^\circ$

angle $x = 137^\circ$

angle $y = 157^\circ$