Geometry: Angles About a Point

Date: **Name:**

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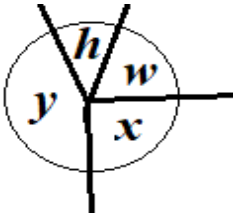
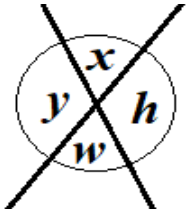
Use your knowledge of angles to find angle "y ":

[1]



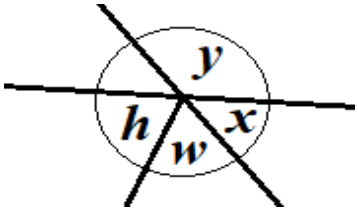
angle h = 24°
angle w = 79°
angle x = 93°
angle y = ?

[2]



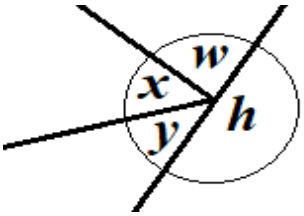
angle h = 123°
angle x = 57°
angle y = ?

[3]



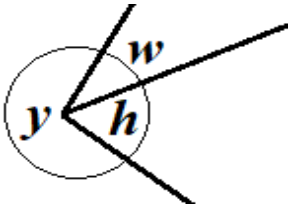
angle h = 81°
angle w = 50°
angle x = 49°
angle y = ?

[4]



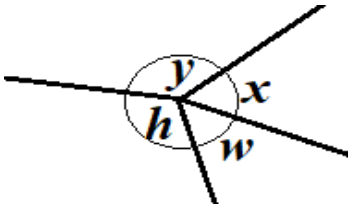
angle h = 180°
angle w = 92°
angle x = 42°
angle y = ?

[5]



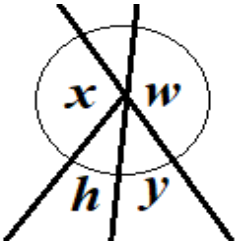
angle h = 71°
angle w = 24°
angle y = ?

[6]



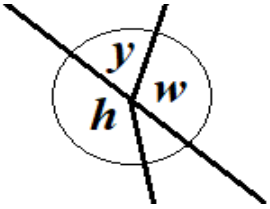
angle h = 133°
angle w = 40°
angle x = 47°
angle y = ?

[7]



angle h = 19°
angle w = 157°
angle x = 138°
angle y = ?

[8]



angle h = 155°
angle w = 134°
angle y = ?

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

ANSWERS

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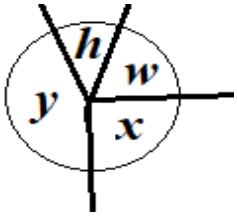
[1]



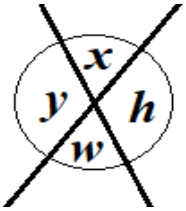
angle h = 24°

angle w = 79°

angle x = 93°

angle y = 164°

[2]

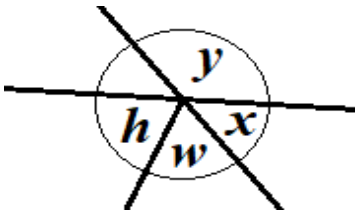


angle h = 123°

angle x = 57°

angle y = 123°

[3]



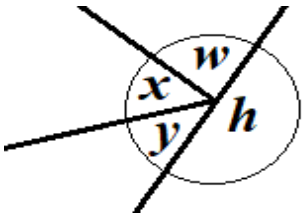
angle h = 81°

angle w = 50°

angle x = 49°

angle y = 131°

[4]



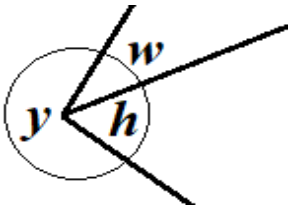
angle h = 180°

angle w = 92°

angle x = 42°

angle y = 46°

[5]

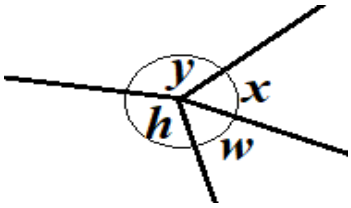


angle h = 71°

angle w = 24°

angle y = 265°

[6]



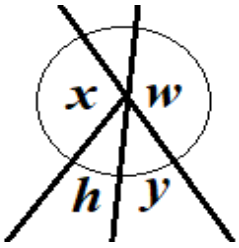
angle h = 133°

angle w = 40°

angle x = 47°

angle y = 140°

[7]



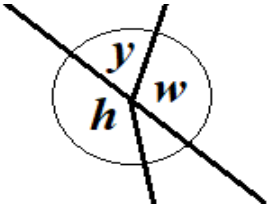
angle h = 19°

angle w = 157°

angle x = 138°

angle y = 23°

[8]



angle h = 155°

angle w = 134°

angle y = 46°