Geometry: Angles About a Point

Date: **Name:**

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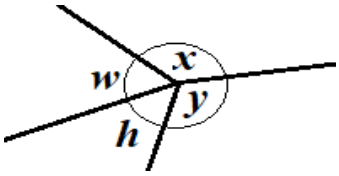
Use your knowledge of angles to find angle "y ":

[1]



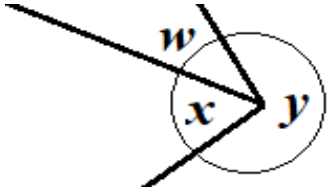
angle h = 36°

angle w = 40°

angle x = 128°

angle y = ?

[2]

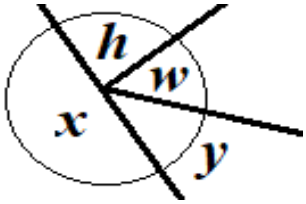


angle w = 11°

angle x = 50°

angle y = ?

[3]



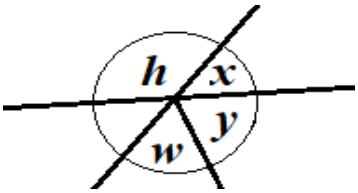
angle h = 84°

angle w = 40°

angle x = 180°

angle y = ?

[4]

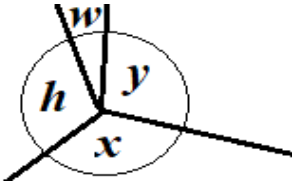


angle h = 116°

angle w = 60°

angle y = ?

[5]



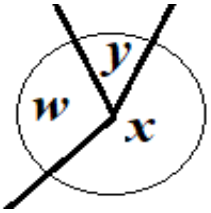
angle h = 89°

angle w = 5°

angle x = 180°

angle y = ?

[6]

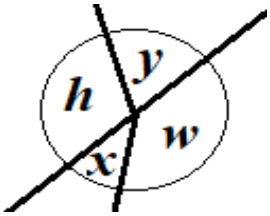


angle x = 201°

angle w = 103°

angle y = ?

[7]

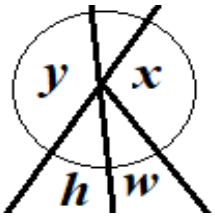


angle h = 109°

angle w = 150°

angle y = ?

[8]



angle h = 25°

angle w = 22°

angle x = 133°

angle y = ?

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

ANSWERS

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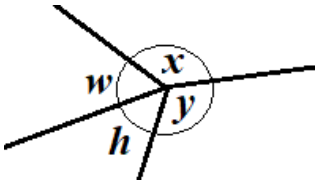
[1]



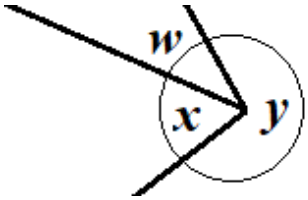
angle h = 36°

angle w = 40°

angle x = 128°

angle y = 156°

[2]

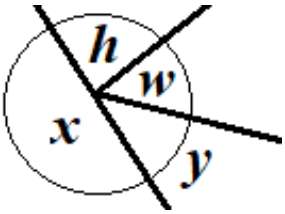


angle w = 11°

angle x = 50°

angle y = 299°

[3]



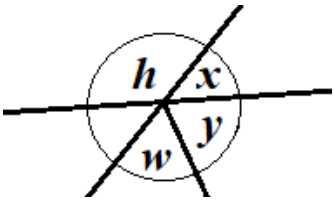
angle h = 84°

angle w = 40°

angle x = 180°

angle y = 56°

[4]

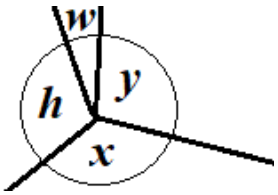


angle h = 116°

angle w = 60°

angle y = 56°

[5]



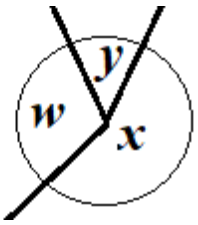
angle h = 89°

angle w = 5°

angle x = 180°

angle y = 86°

[6]

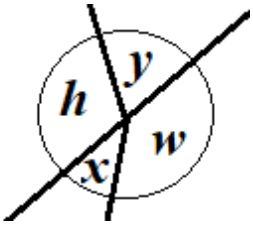


angle x = 201°

angle w = 103°

angle y = 56°

[7]

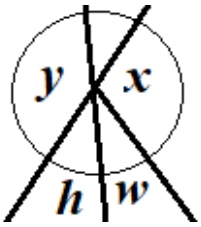


angle h = 109°

angle w = 150°

angle y = 71°

[8]



angle h = 25°

angle w = 22°

angle x = 133°

angle y = 155°