

# Geometry: Angles on a Straight Line

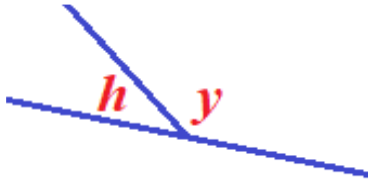
Use your knowledge of angles to find angle "y":

Date:

Name:

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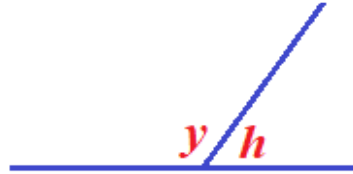
[1]



angle  $h = 19^\circ$

angle  $y = ?$

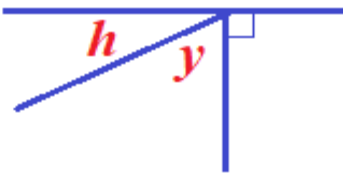
[2]



angle  $h = 75^\circ$

angle  $y = ?$

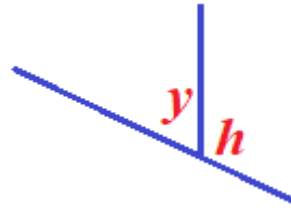
[3]



angle  $h = 27^\circ$

angle  $y = ?$

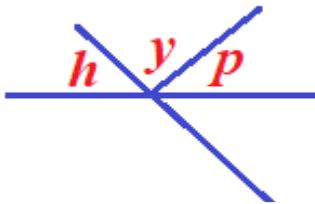
[4]



angle  $h = 115^\circ$

angle  $y = ?$

[5]

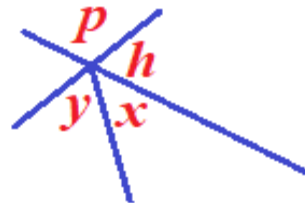


angle  $h = 35^\circ$

angle  $p = 45^\circ$

angle  $y = ?$

[6]



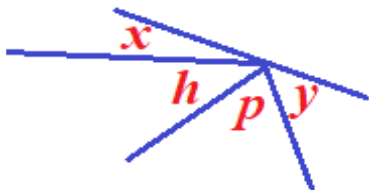
angle  $h = 80^\circ$

angle  $x = 40^\circ$

angle  $p = 100^\circ$

angle  $y = ?$

[7]



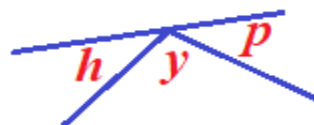
angle  $h = 35^\circ$

angle  $p = 74^\circ$

angle  $x = 13^\circ$

angle  $y = ?$

[8]



angle  $h = 39^\circ$

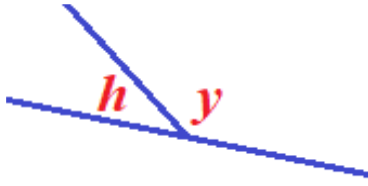
angle  $p = 28^\circ$

angle  $y = ?$

## Geometry: Angles on a Straight Line

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

[1]



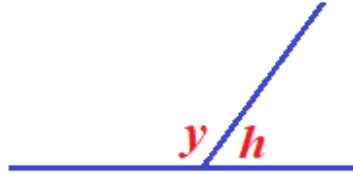
angle  $h = 19^\circ$

**angle  $y = 161^\circ$**

## ANSWERS

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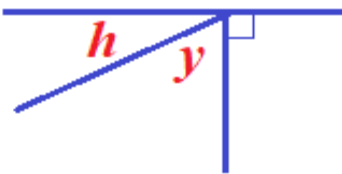
[2]



angle  $h = 75^\circ$

**angle  $y = 105^\circ$**

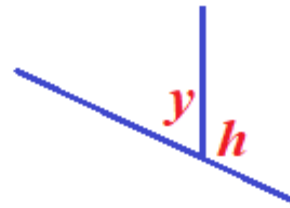
[3]



angle  $h = 27^\circ$

**angle  $y = 63^\circ$**

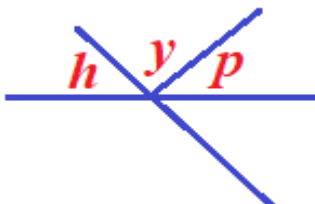
[4]



angle  $h = 115^\circ$

**angle  $y = 65^\circ$**

[5]

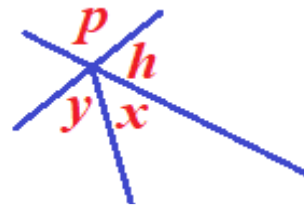


angle  $h = 35^\circ$

angle  $p = 45^\circ$

**angle  $y = 100^\circ$**

[6]



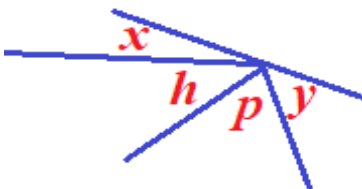
angle  $h = 80^\circ$

angle  $x = 40^\circ$

angle  $p = 100^\circ$

**angle  $y = 60^\circ$**

[7]



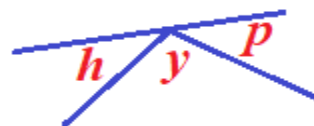
angle  $h = 35^\circ$

angle  $p = 74^\circ$

angle  $x = 13^\circ$

**angle  $y = 58^\circ$**

[8]



angle  $h = 39^\circ$

angle  $p = 28^\circ$

**angle  $y = 113^\circ$**