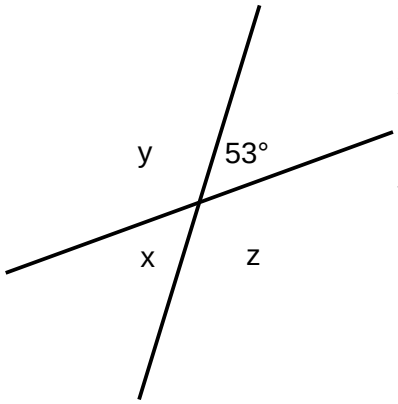
Name: _____

# Vertical and Adjacent Angles

Two lines intersect. Use the given angle to find x, y and z.

1.

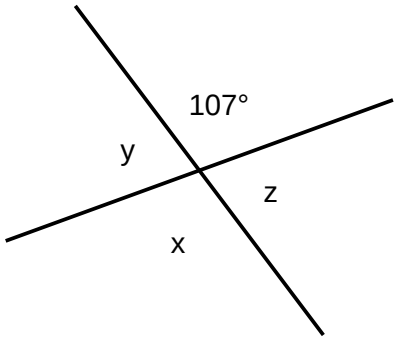



x = _____

y = _____

z = _____

2.

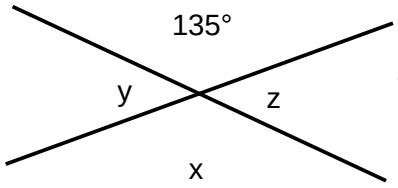



x = _____

y = _____

z = _____

3.

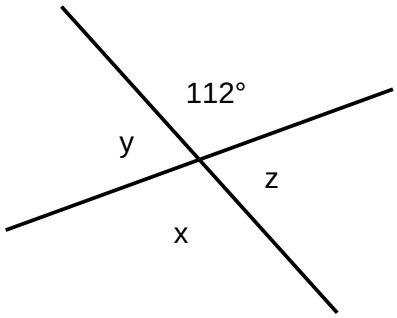



x = _____

y = _____

z = _____

4.

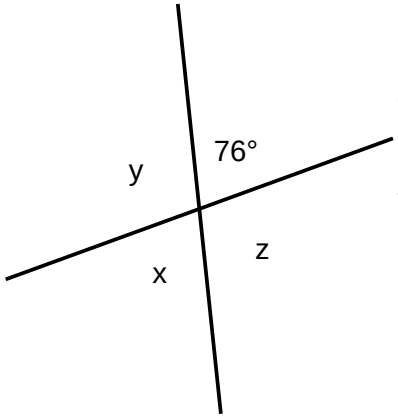



x = _____

y = _____

z = _____

5.

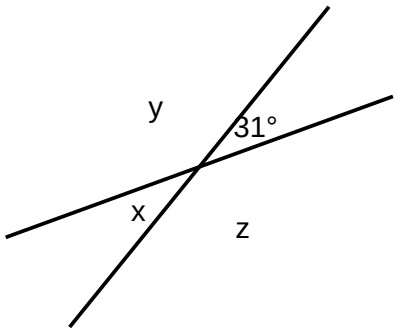



x = _____

y = _____

z = _____

6.




x = _____

y = _____

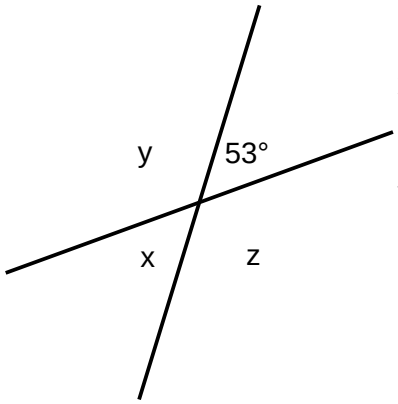
z = _____

Name: **ANSWER KEY**

# Vertical and Adjacent Angles

Two lines intersect. Use the given angle to find x, y and z.

1.

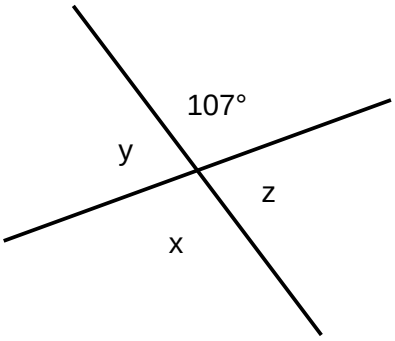



x = **53°**

y = **127°**

z = **127°**

2.

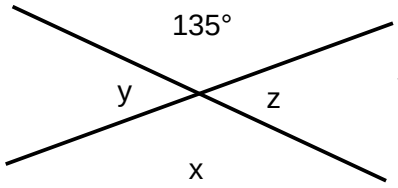



x = **107°**

y = **73°**

z = **73°**

3.

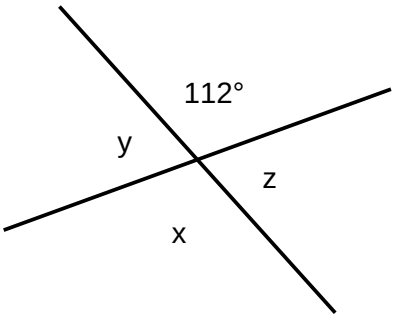



x = **135°**

y = **45°**

z = **45°**

4.

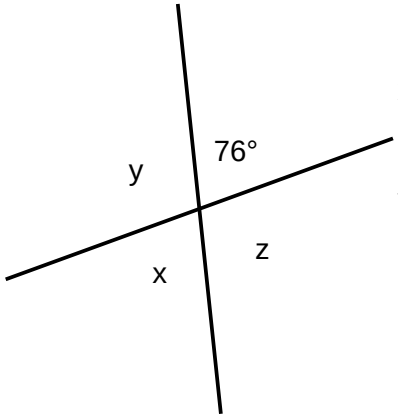



x = **112°**

y = **68°**

z = **68°**

5.

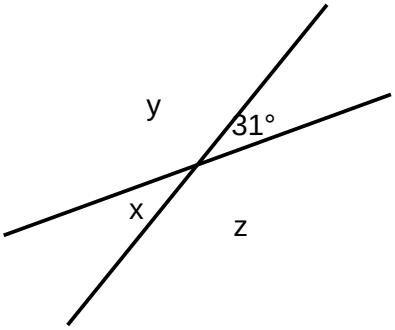



x = **76°**

y = **104°**

z = **104°**

6.




x = **31°**

y = **149°**

z = **149°**