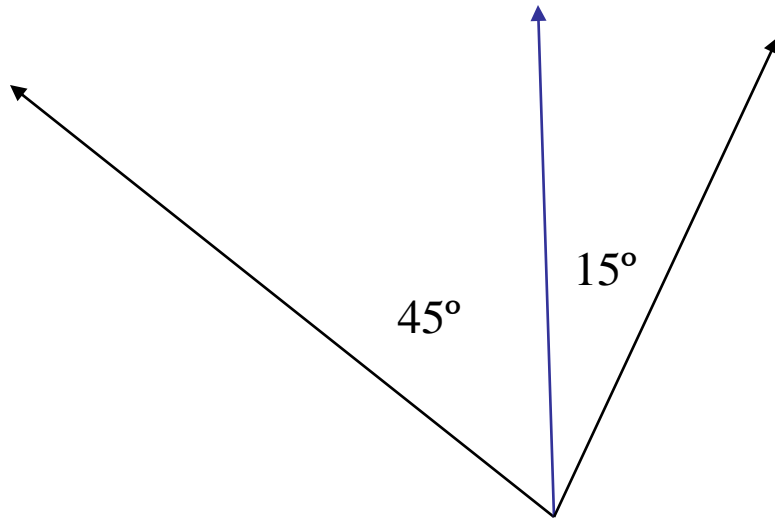
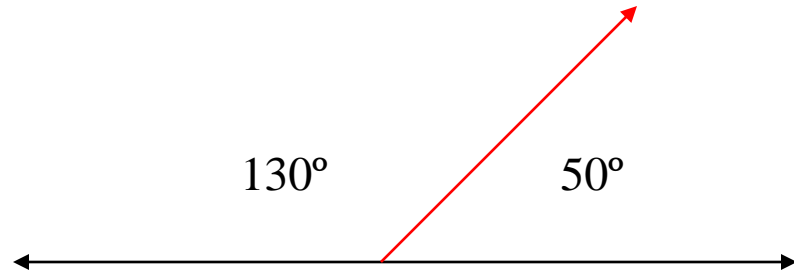
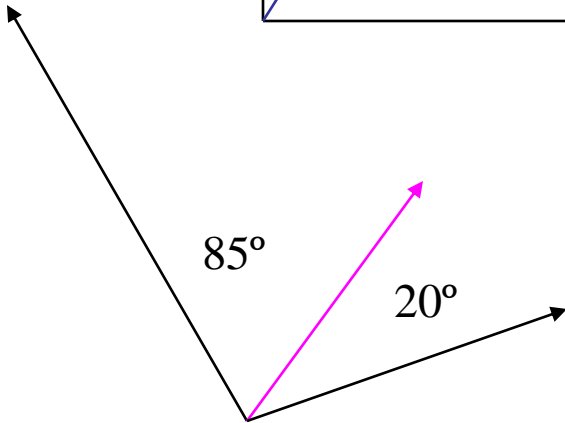
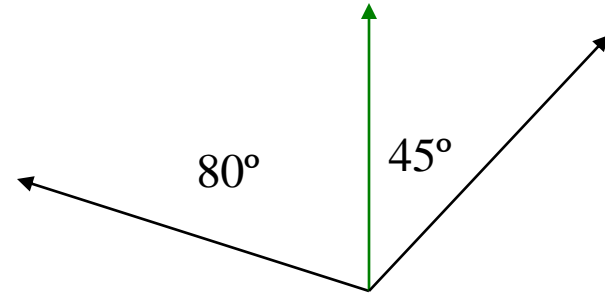
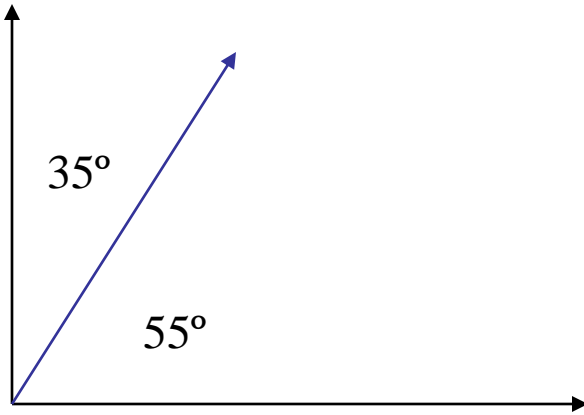


**Adjacent,
Vertical,
Supplementary, and
Complementary Angles**

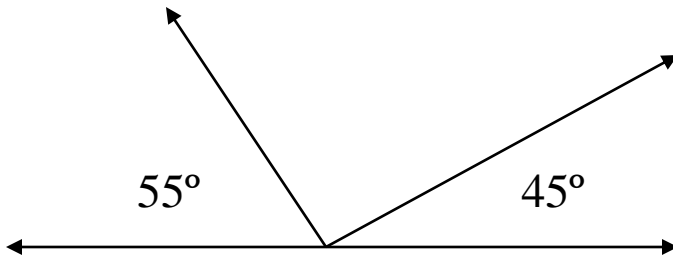
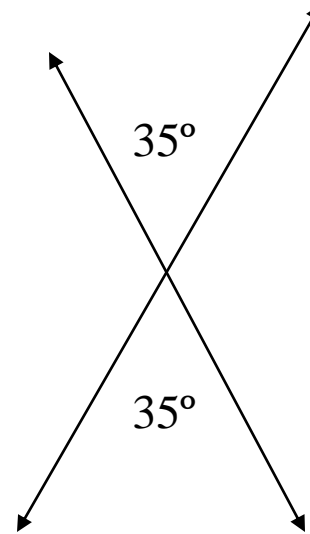
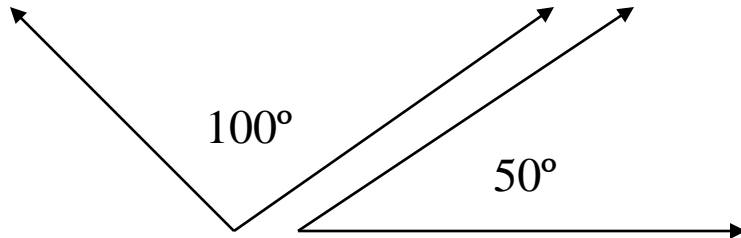
Adjacent angles are “side by side” and share a common ray.



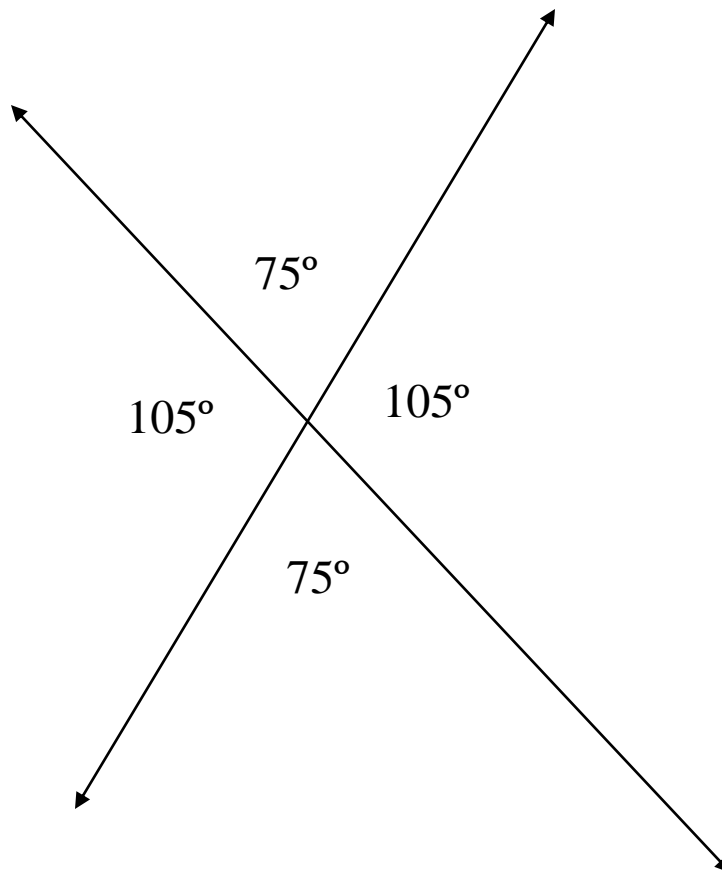
These are examples of adjacent angles.



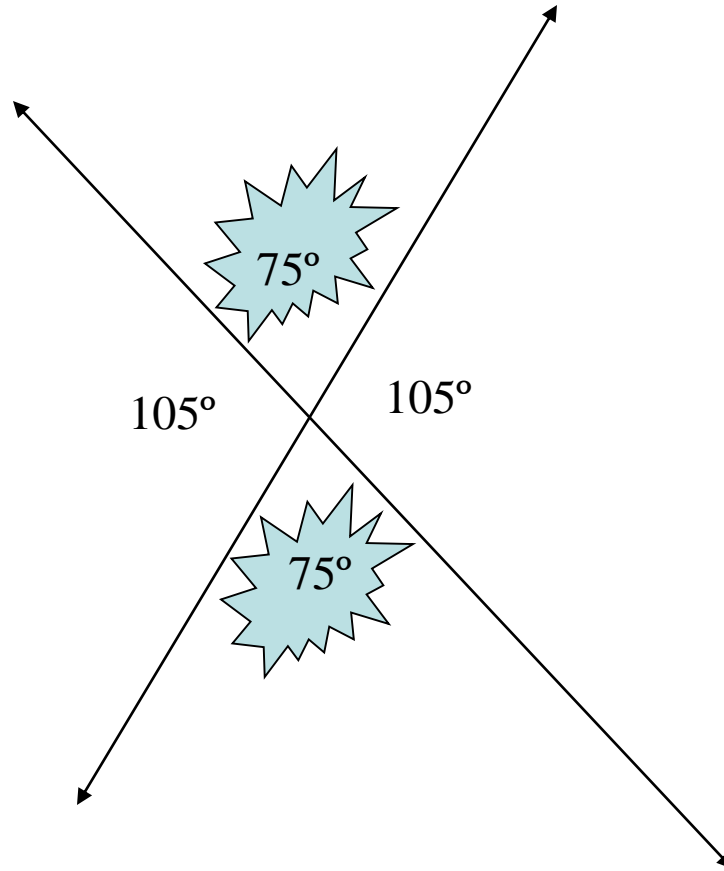
These angles are **NOT** adjacent.



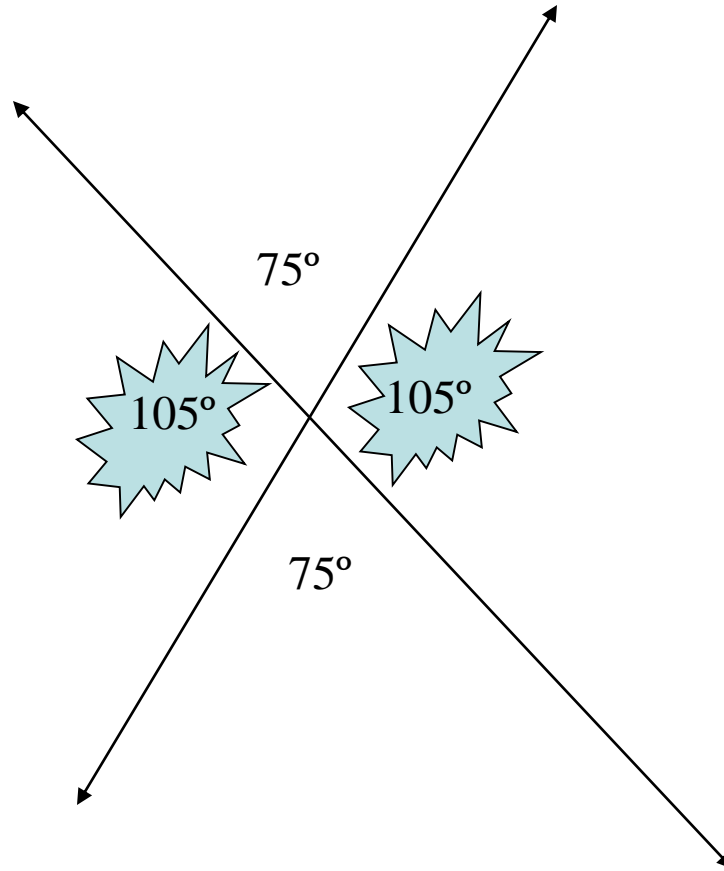
When 2 lines intersect, they make vertical angles.



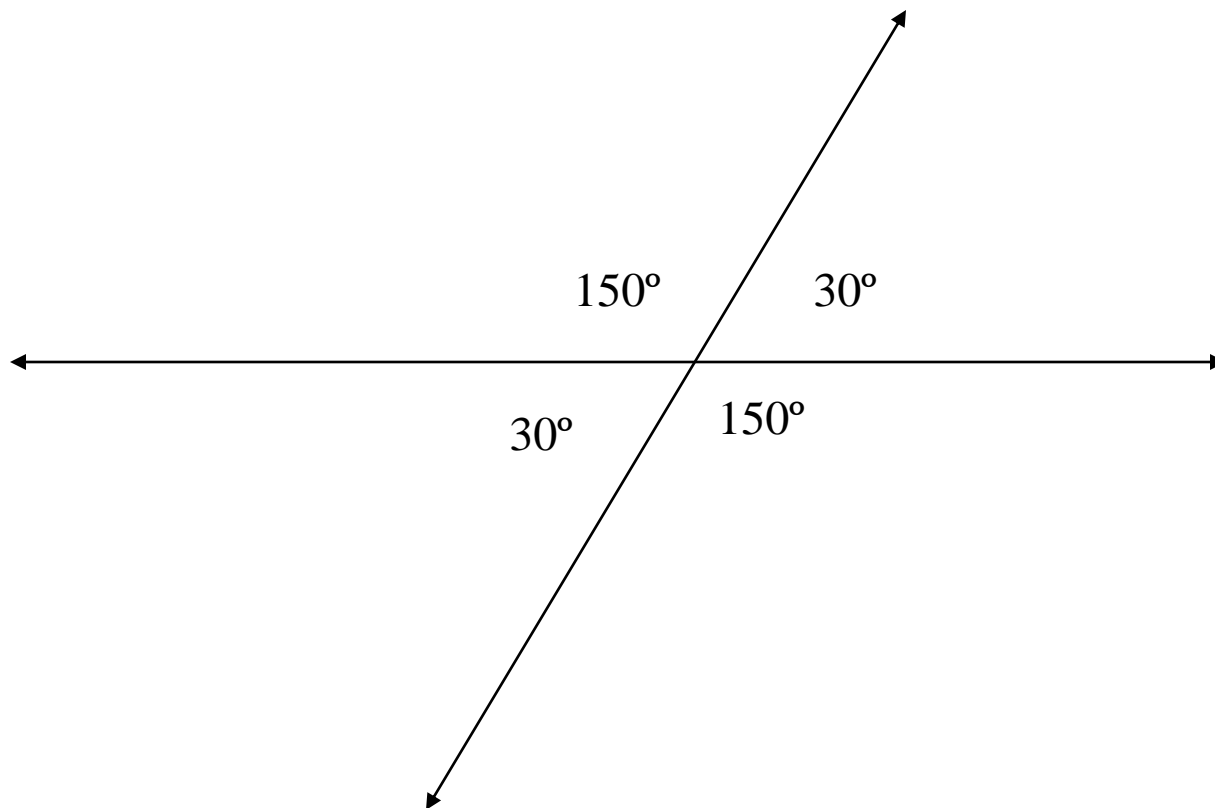
Vertical angles are opposite one another.



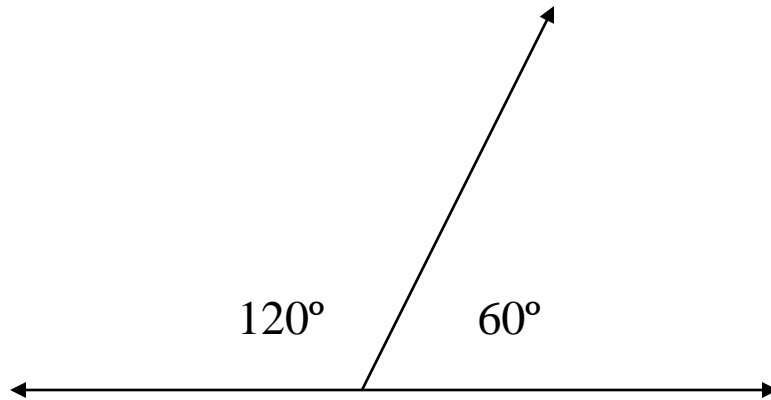
Vertical angles are opposite one another.



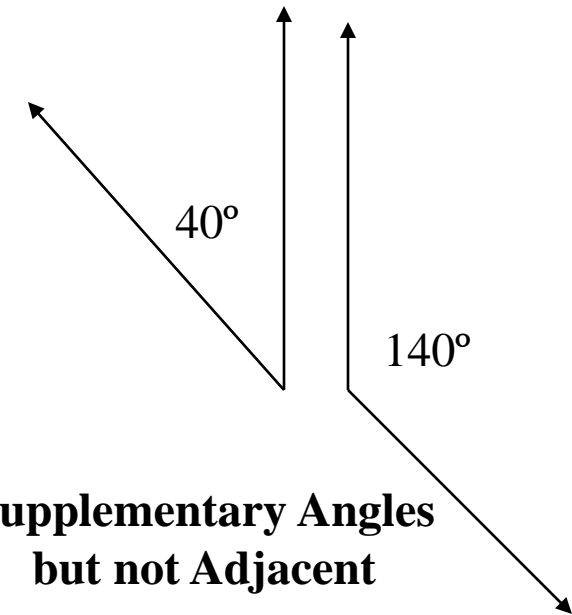
Vertical angles are congruent (equal).



Supplementary angles add up to 180° .

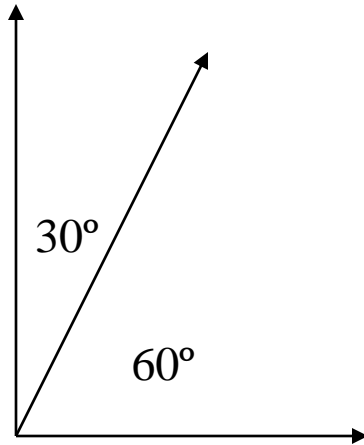


**Adjacent and Supplementary
Angles**

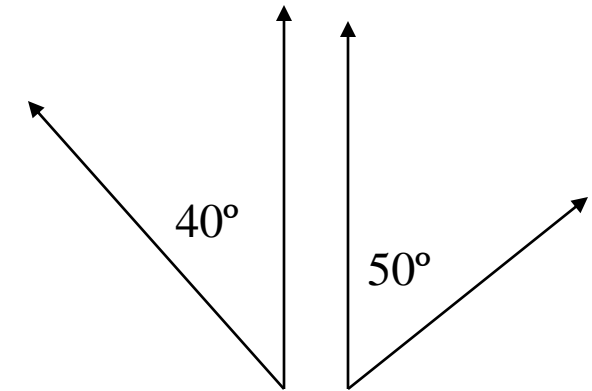


**Supplementary Angles
but not Adjacent**

Complementary angles add up to 90° .



**Adjacent and Complementary
Angles**



**Complementary Angles
but not Adjacent**

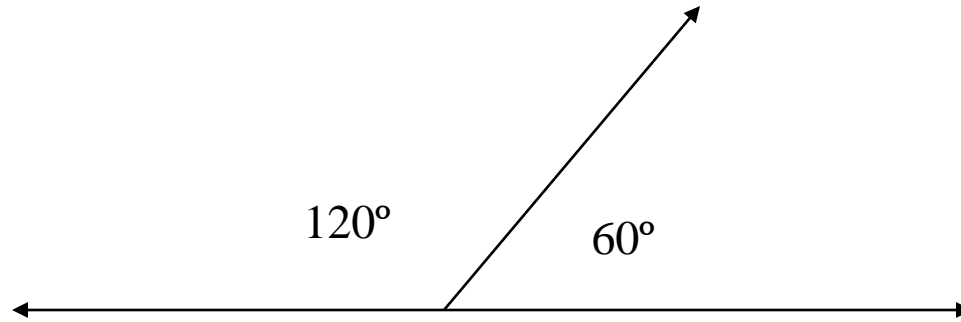
Practice Time!



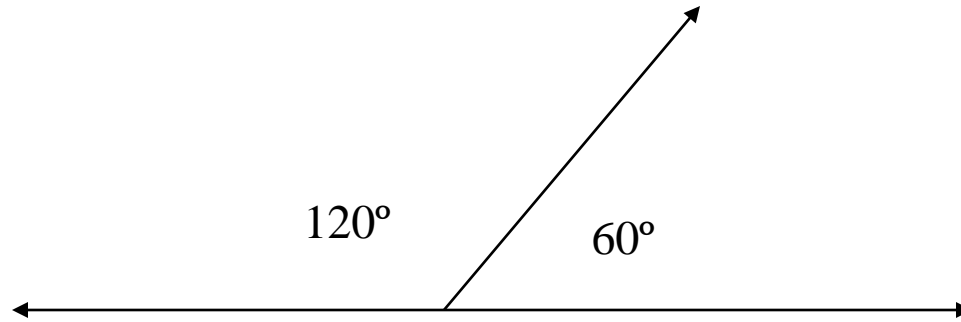
Directions:

Identify each pair of angles as
vertical, supplementary,
complementary,
or none of the above.

#1

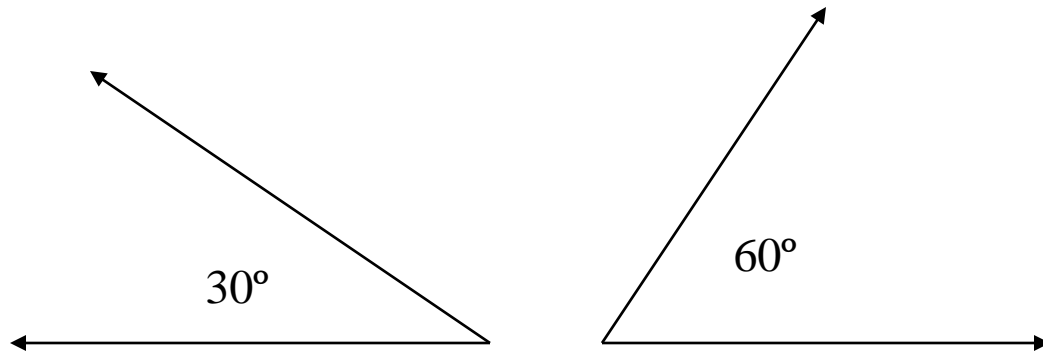


#1

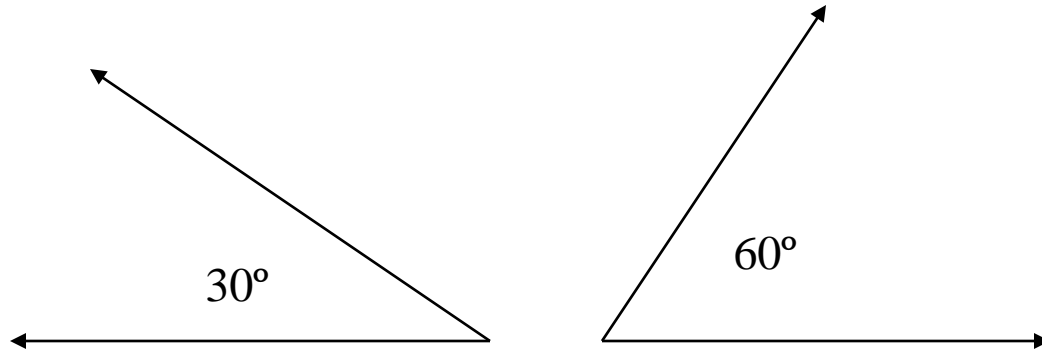


Supplementary Angles

#2

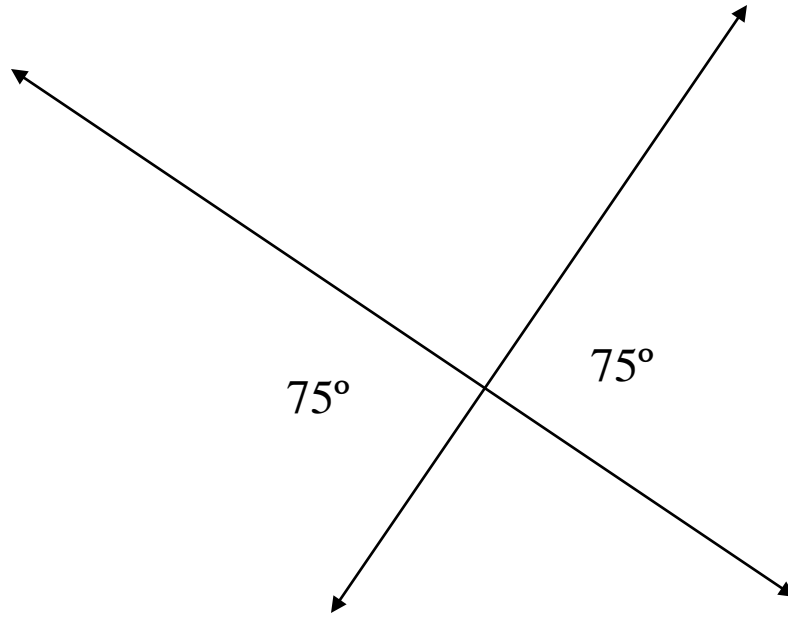


#2



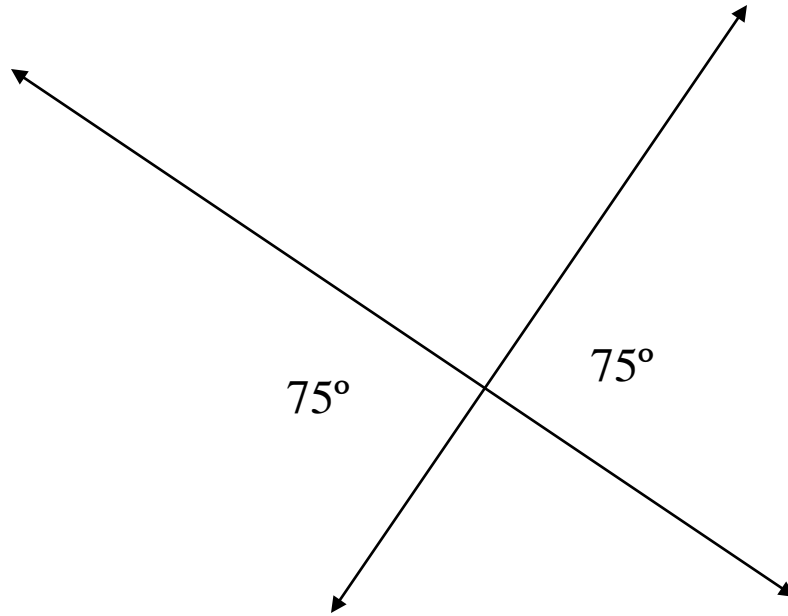
Complementary Angles

#3

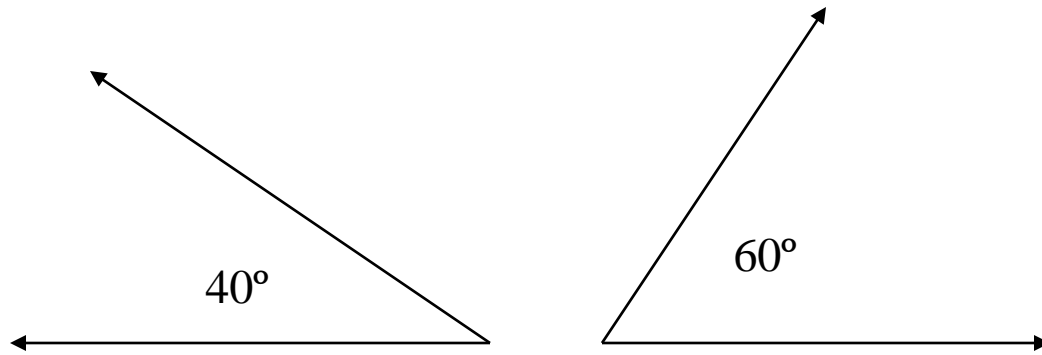


#3

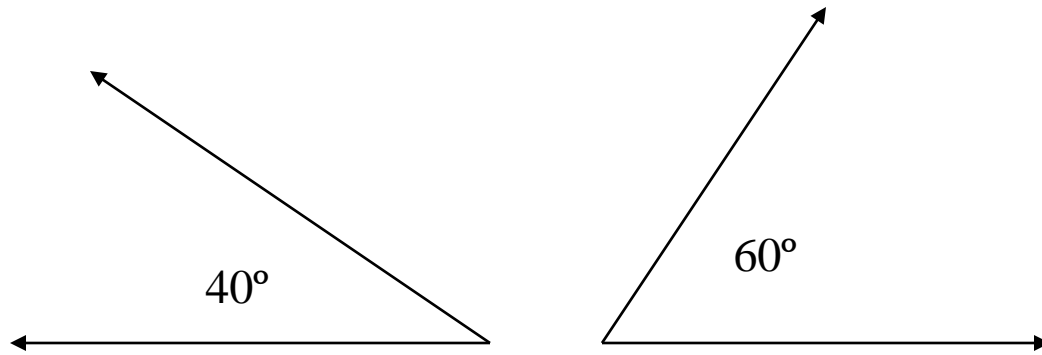
Vertical Angles



#4

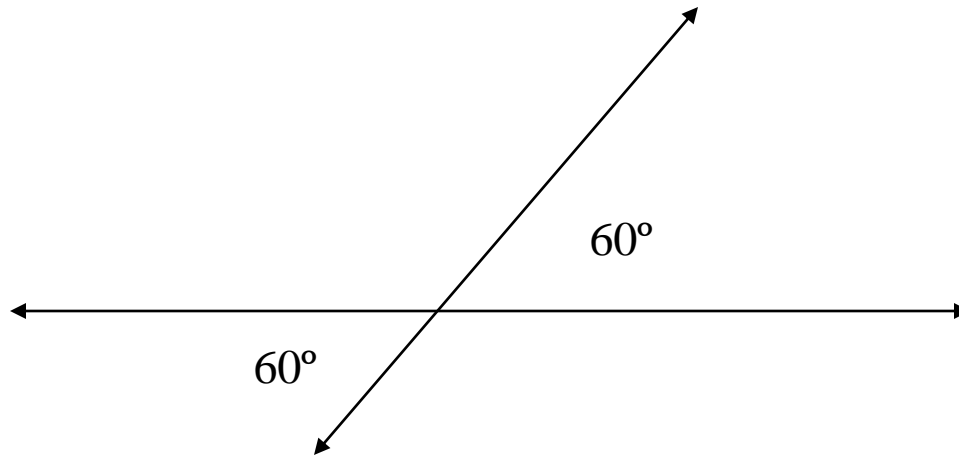


#4

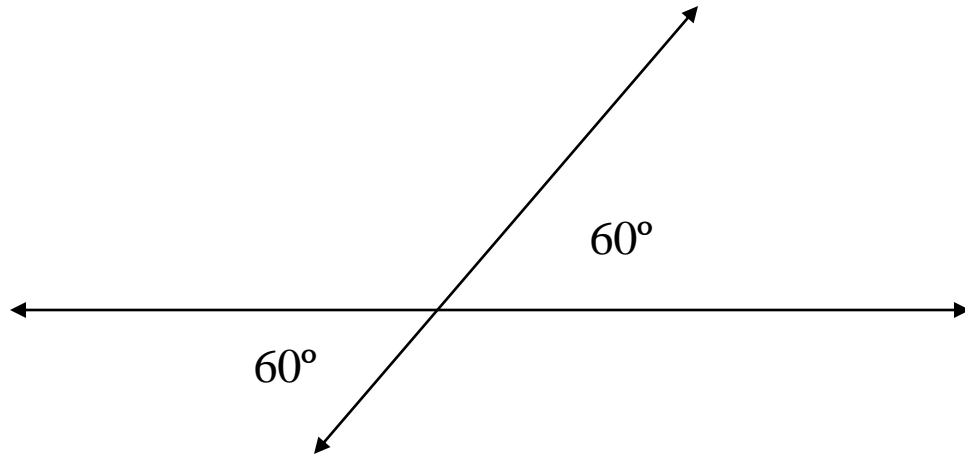


None of the above

#5

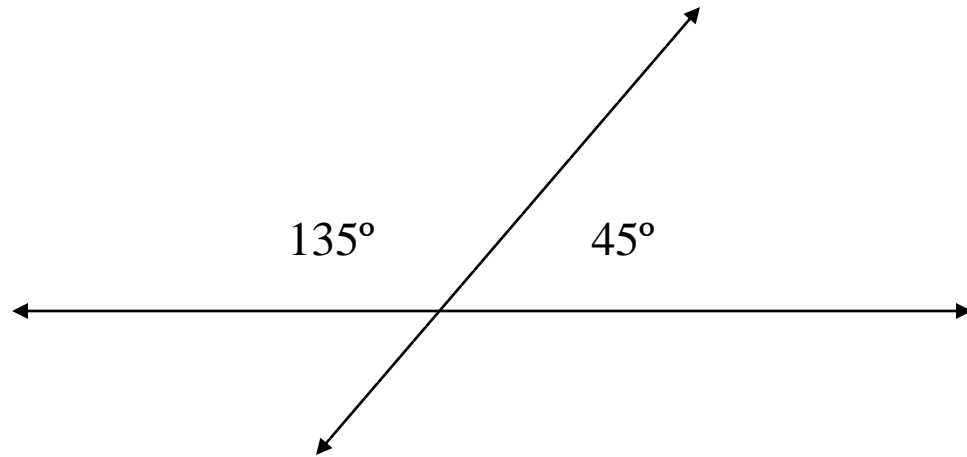


#5

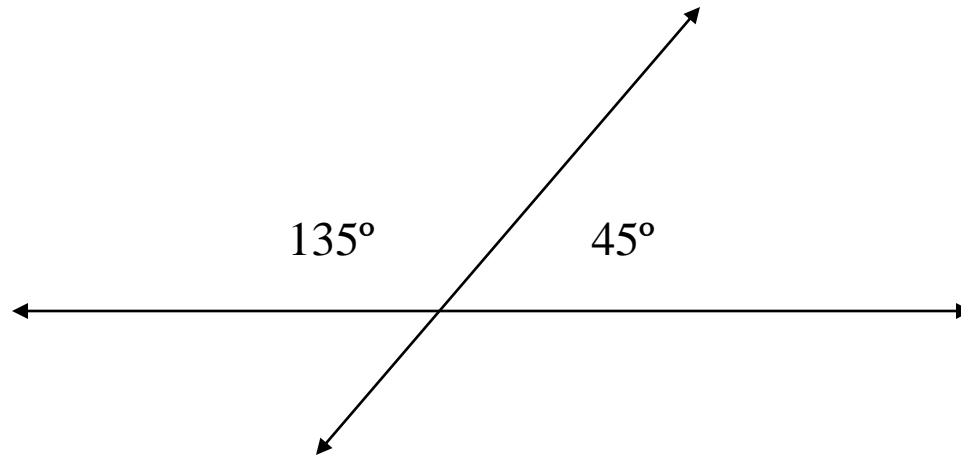


Vertical Angles

#6

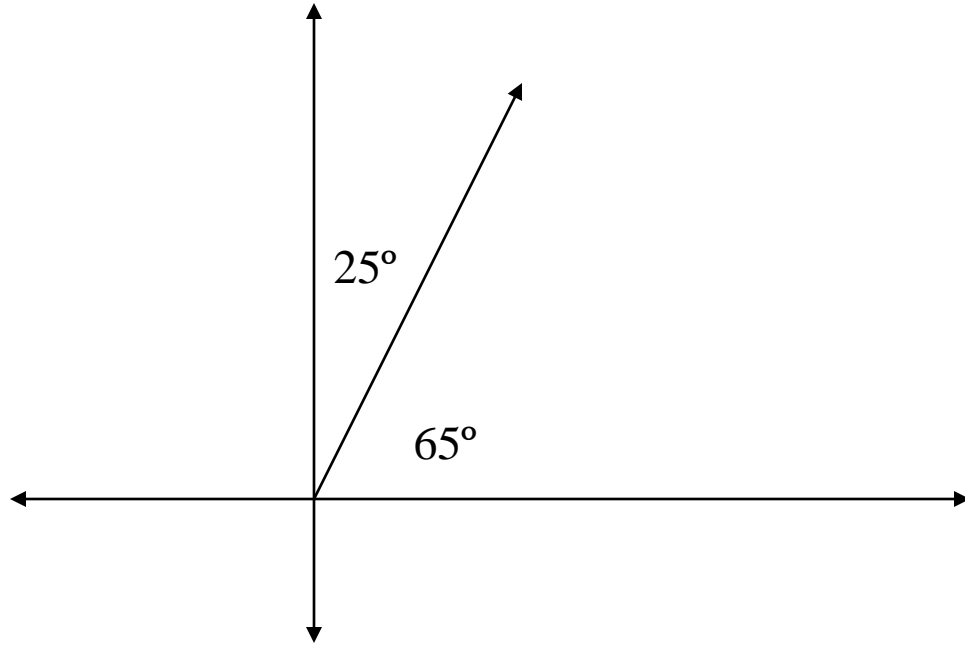


#6

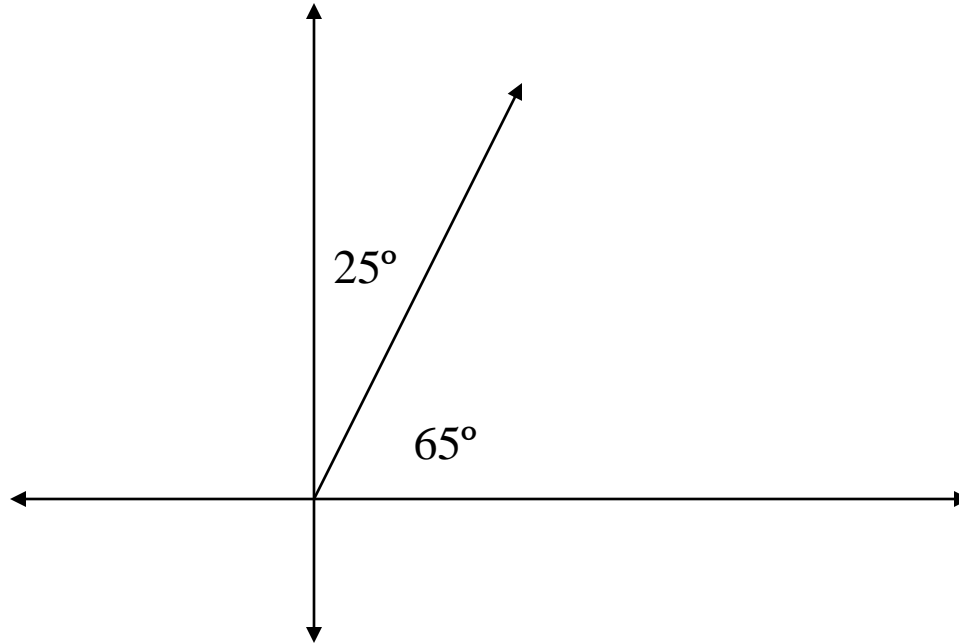


Supplementary Angles

#7

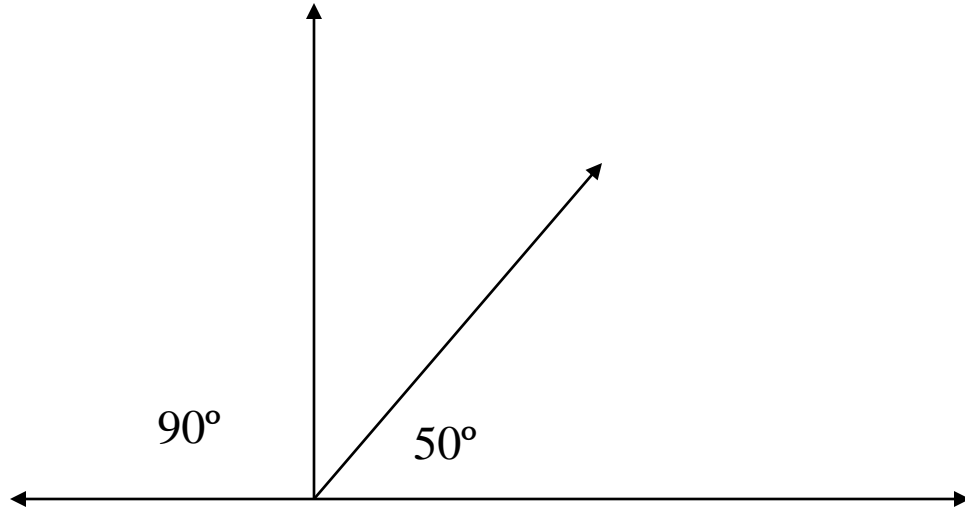


#7

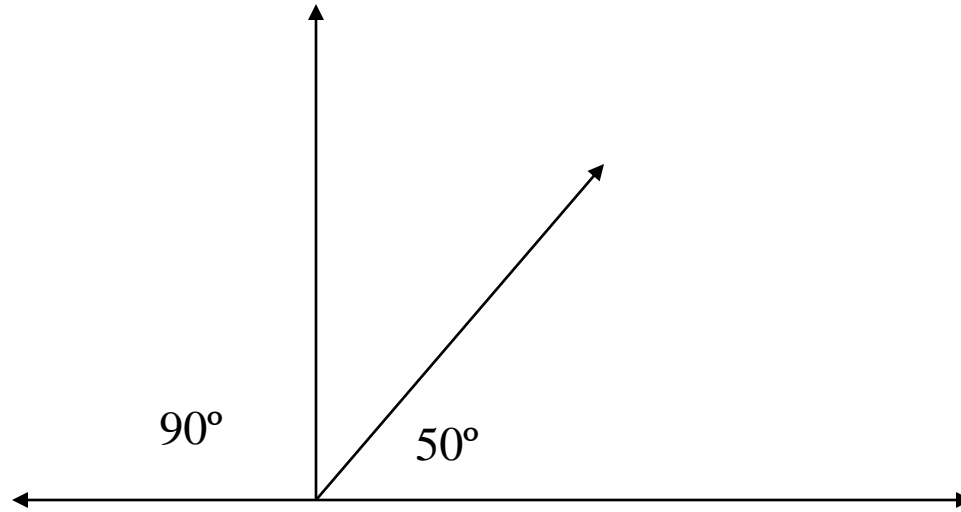


Complementary Angles

#8



#8

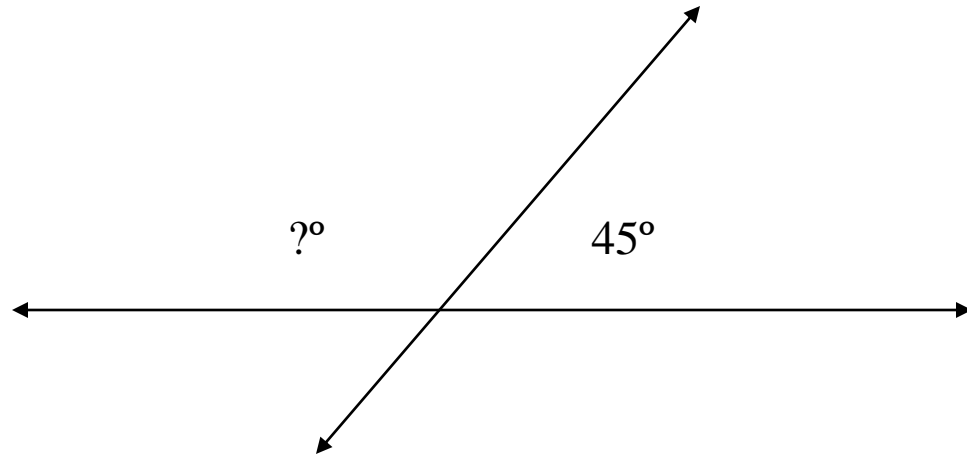


None of the above

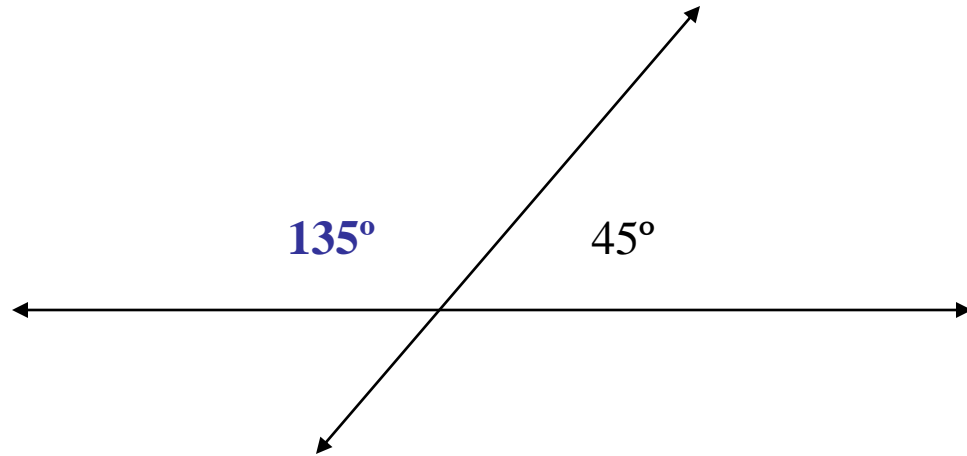
Directions:

Determine the missing angle.

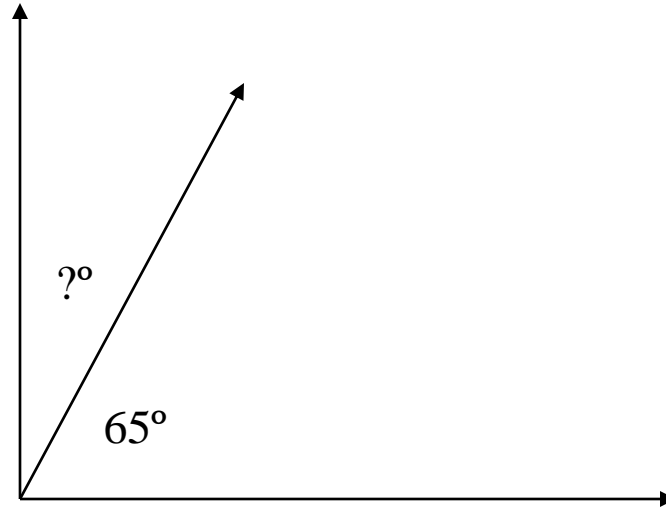
#1



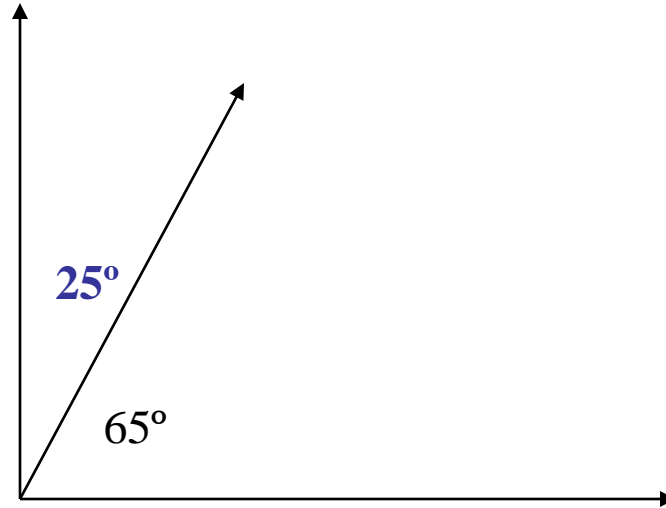
#1



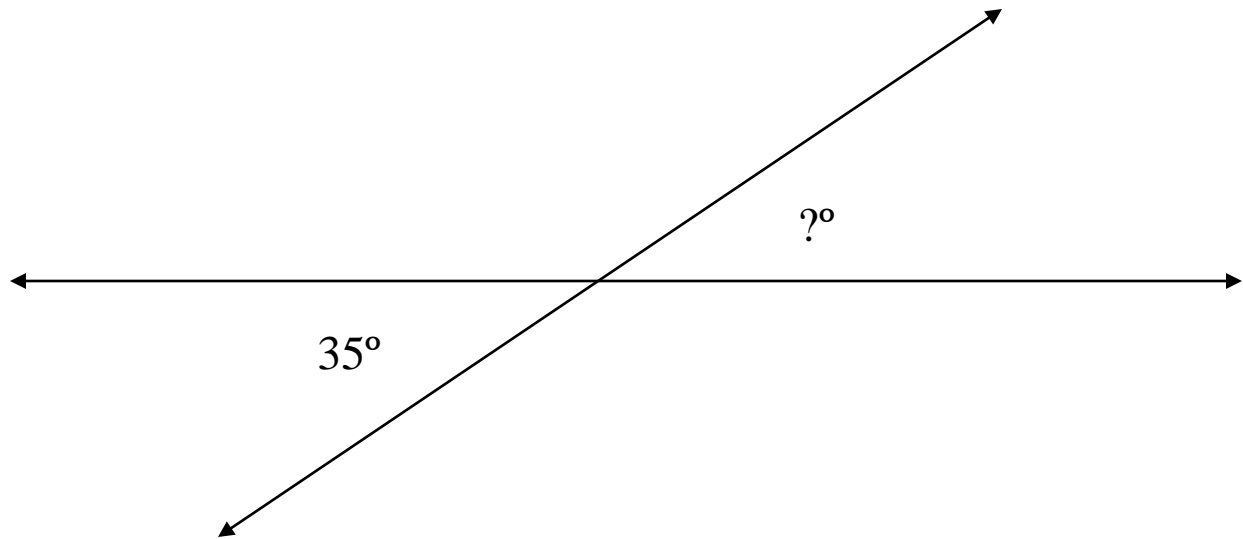
#2



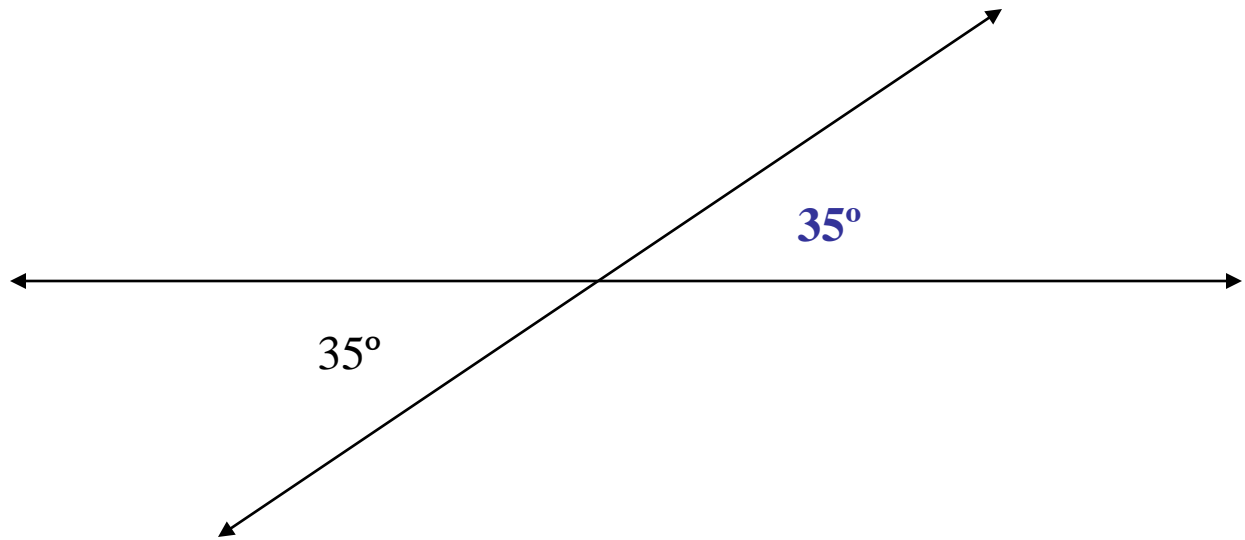
#2



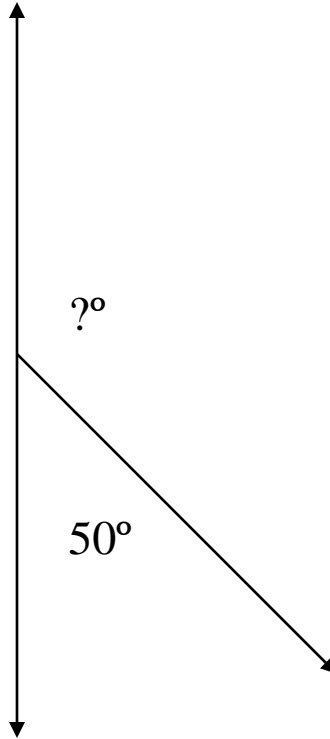
#3



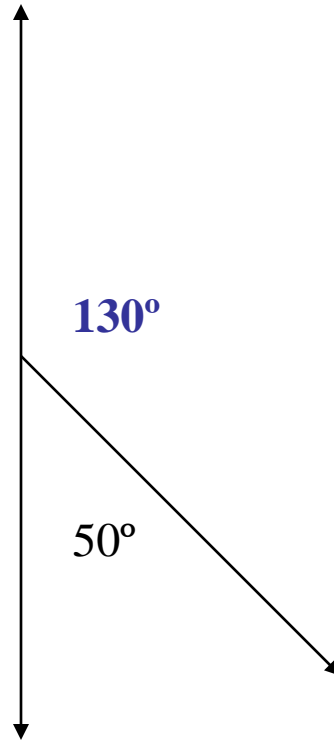
#3



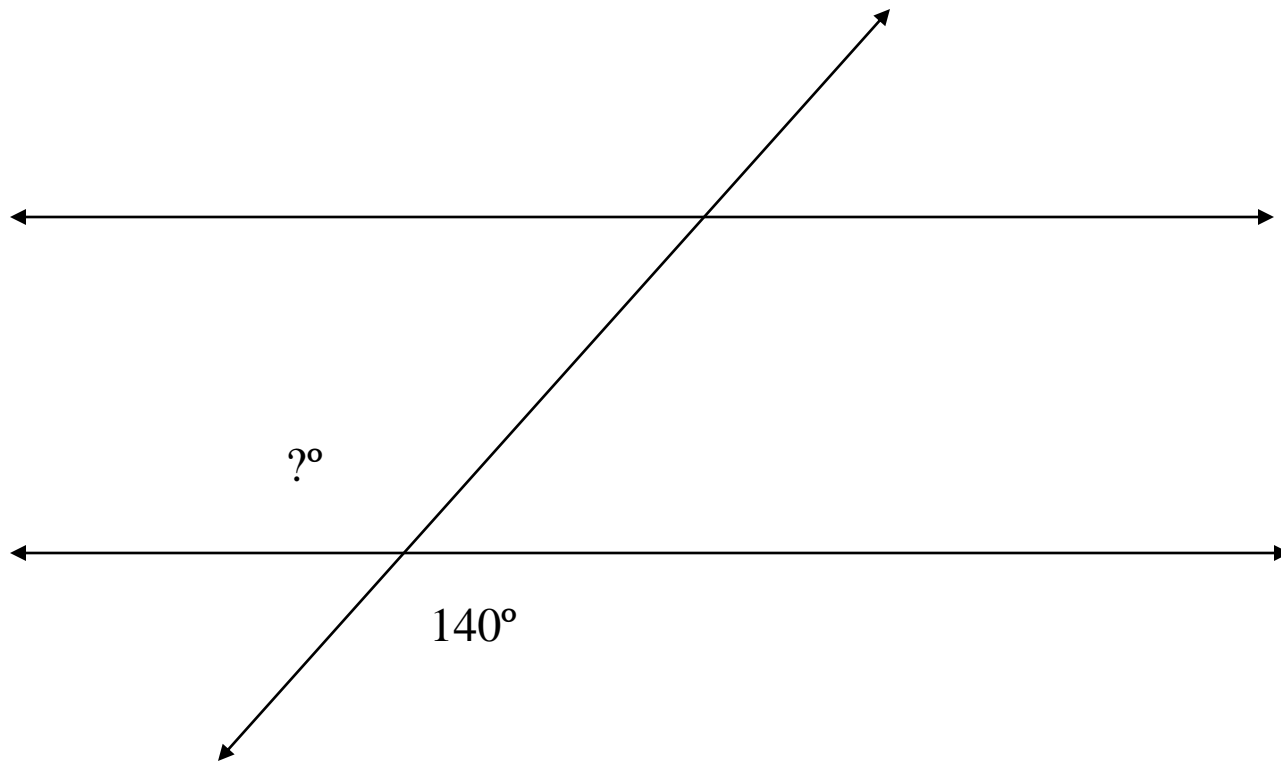
#4



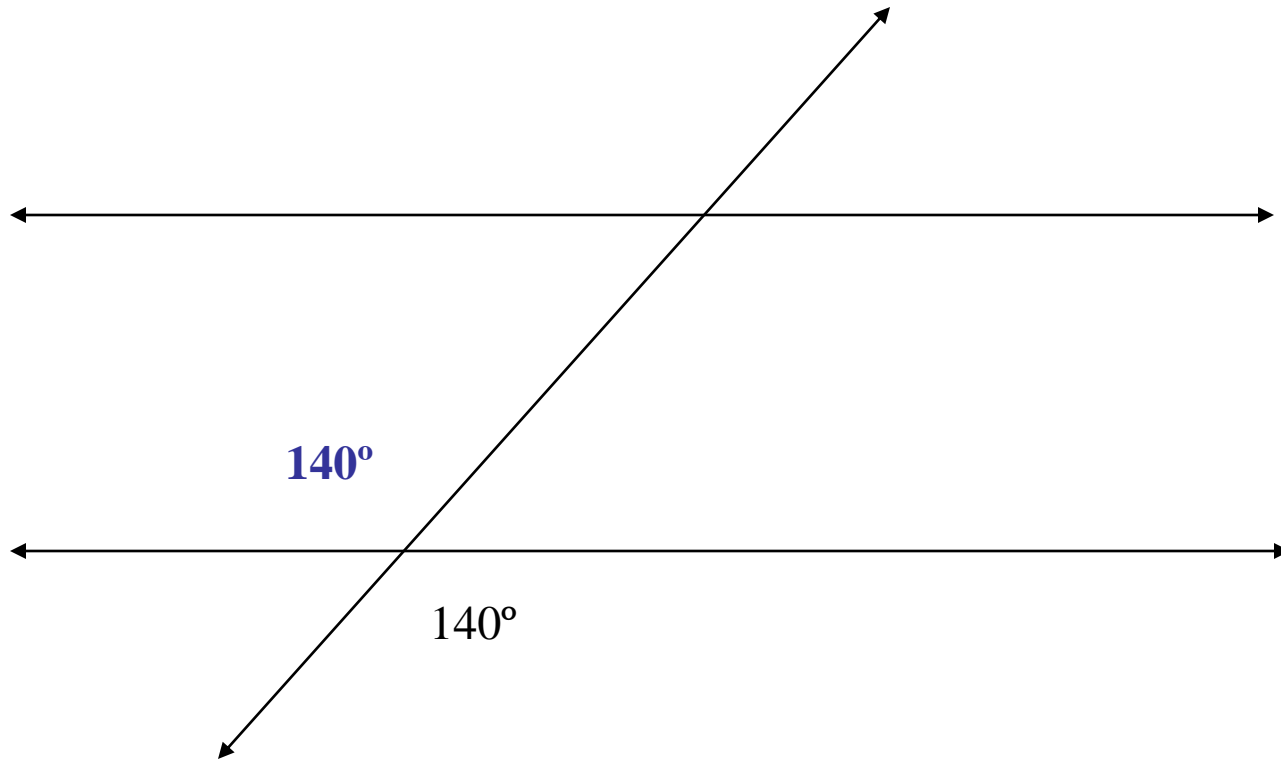
#4



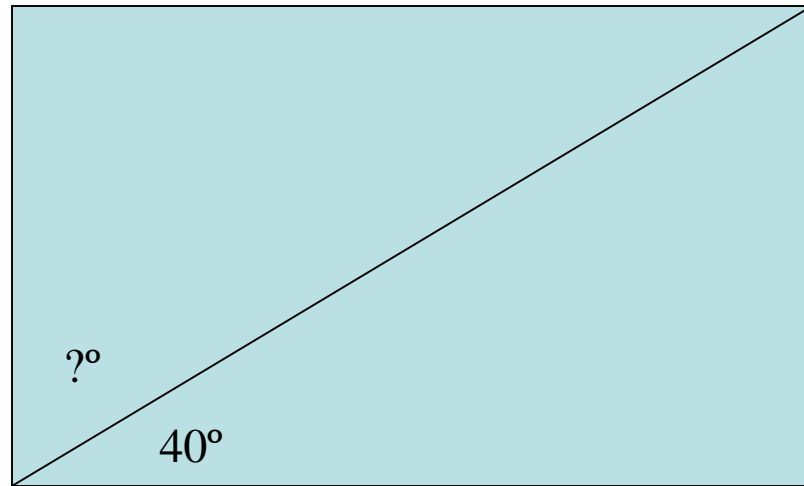
#5



#5



#6



#6

