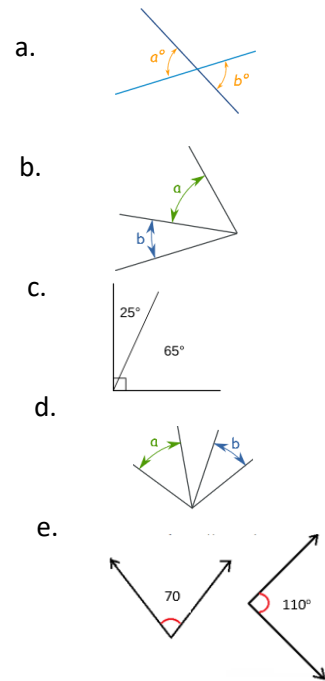


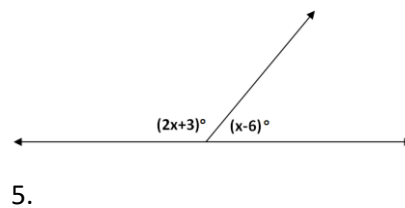
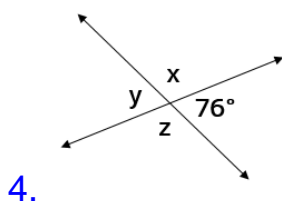
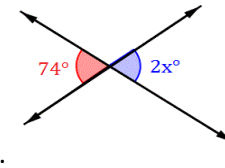
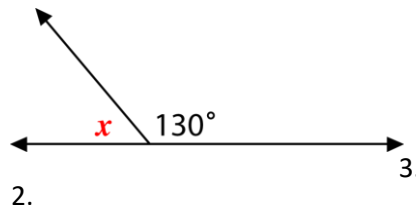
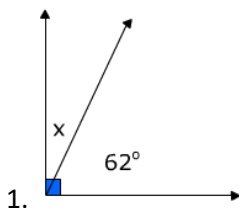
Vocabulary:

- Two angles are Supplementary when they add up to \_\_\_\_\_.
- Two angles are Complementary when they add up to \_\_\_\_\_.
- Two angles are Adjacent when they have a common \_\_\_\_\_ and a common \_\_\_\_\_ (corner point) and don't overlap.
- Vertical angles are angles \_\_\_\_\_ each other where two lines cross.

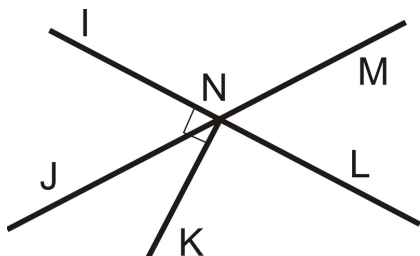
Match the picture with the definition.



Examples: Use the given angle measures to find the missing angle.

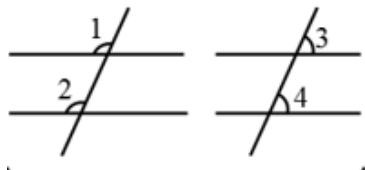


Use the image to find the angle.

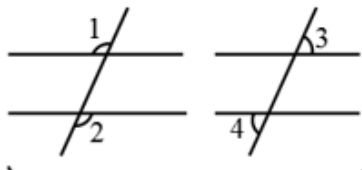


- $m\angle INJ$  if  $\angle KNJ = 25^\circ$
- $m\angle LNM$  if  $\angle INM = 107^\circ$
- Find  $m\angle JNI$  if  $\angle LNM = 36^\circ$
- Are  $\angle KNL$  and  $\angle LNM$  adjacent?
- Are  $\angle KNL$  and  $\angle MNI$  adjacent?
- Find the measure of  $\angle KNL$

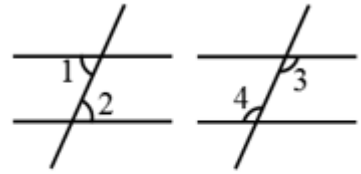
Parallel Lines Cut by a Transversal



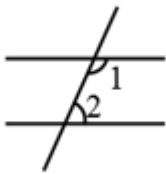
Corresponding angles



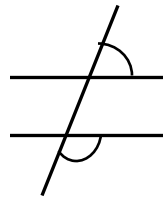
Exterior Alternate angles



Interior alternate angles



Same Side Interior Angles (SSI)



Same Side Exterior Angles (SSE)