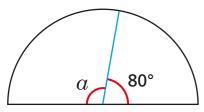
## Calculating angles on a straight line

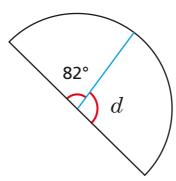


Work out the sizes of the unknown angles.

a)

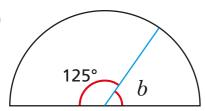


d)

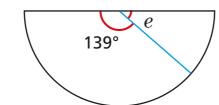


$$\alpha = | \bigcirc \bigcirc$$

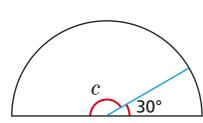
b)

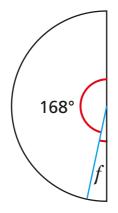






c)



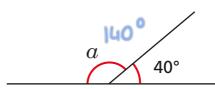


Work out the size of the unknown angles.

a)

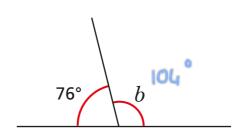
d)

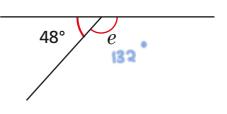
e)



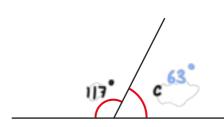


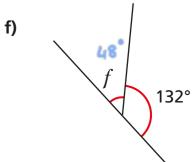
b)



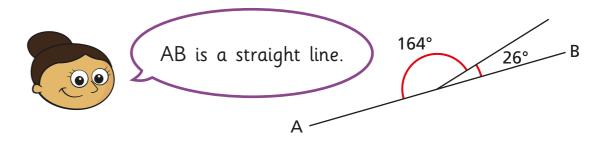


c)





Dora draws two angles.



Do you agree with Dora? \_No\_

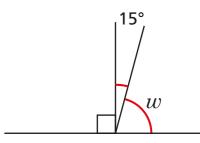
Explain your answer.



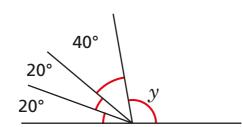
Work out the size of the unknown angles.

Show the steps in your working.

a)

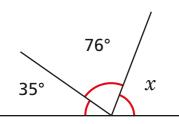


c)

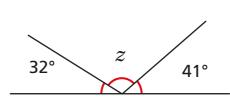


$$y = \boxed{00^{\circ}}$$

b)

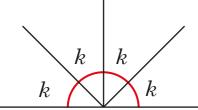


d)

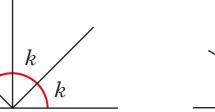


Work out the sizes of the unknown angles.

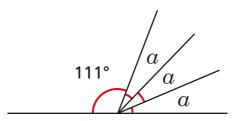
a)



b)

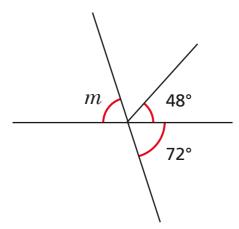


Work out the size of angle  $\boldsymbol{a}.$ 



Work out the size of angle m.

Show all your working out.



Two angles are marked.



