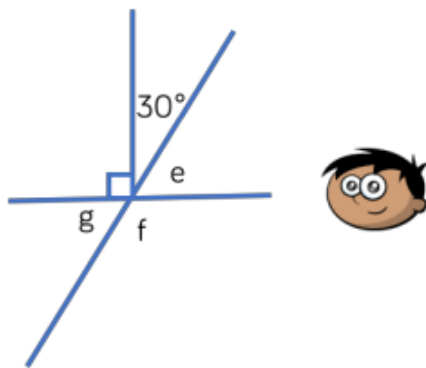


The diagram below is drawn using three straight lines.

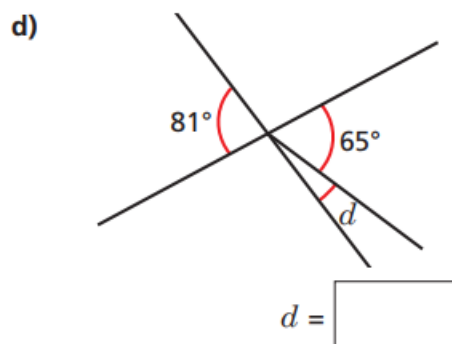
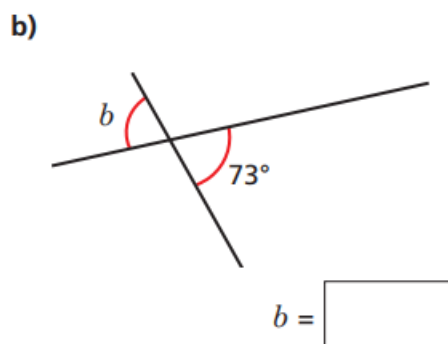
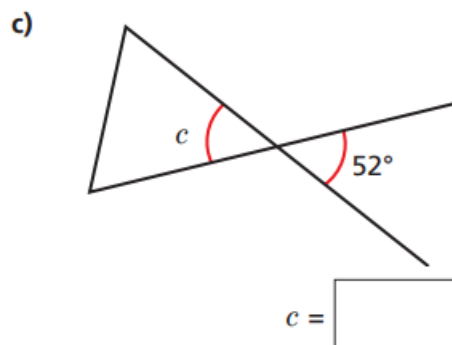
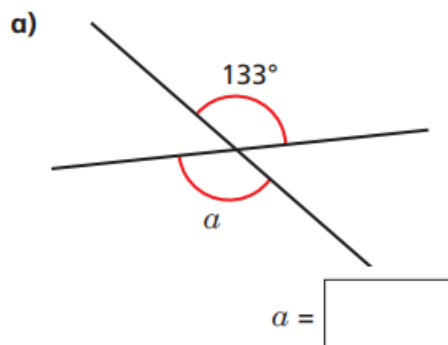


Amir says that angle g is equal to 30° because vertically opposite angles are equal.

Do you agree? Explain your answer.

Find the size of all missing angles.
Is there more than one way to find the size of each angle?

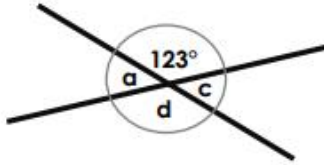
Work out the unknown angles.



5a. Sandy says:



I think that angle c measures 114° .

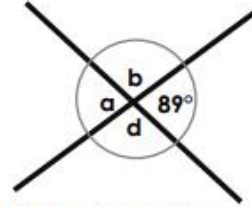


Is Sandy correct? Explain why.

5b. Jack says:



I think that angle d measures 90° .



Is Jack correct? Explain why.

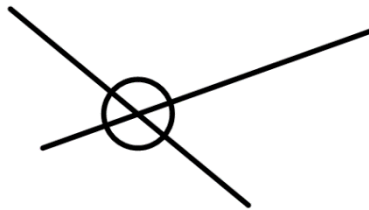
Starter

Write two facts down for each of the diagrams.

1.



2.



3.

