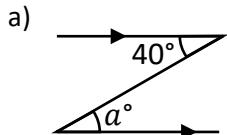


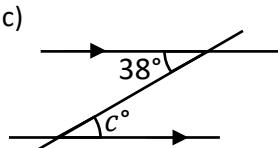
Name:



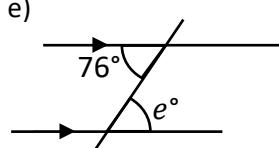
Work out the lettered angles for each of the following:



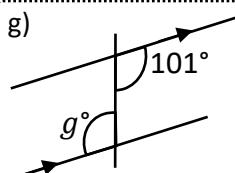
$$40^\circ$$



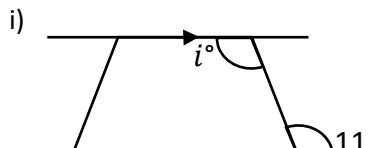
$$38^\circ$$



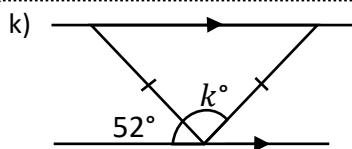
$$76^\circ$$



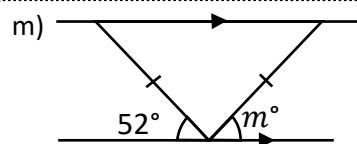
$$101^\circ$$



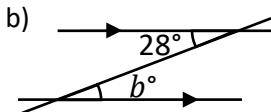
$$115^\circ$$



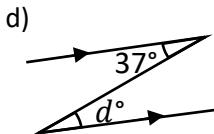
$$76^\circ$$



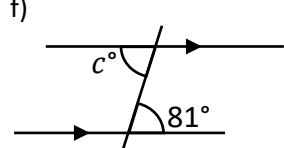
$$52^\circ$$



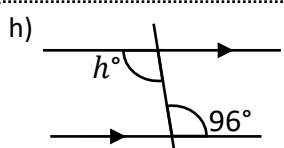
$$28^\circ$$



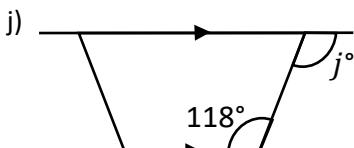
$$37^\circ$$



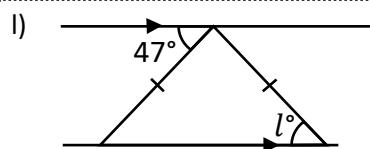
$$81^\circ$$



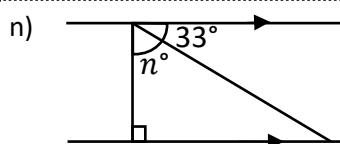
$$96^\circ$$



$$118^\circ$$



$$47^\circ$$



$$57^\circ$$

Exam question:

The diagram shows two straight parallel lines AB and DE. The triangle ABC is an isosceles triangle.

Calculate the angle x and clearly explain the reasoning for your answer

58° – straight line, isosceles, alternate

