

Angles in triangles

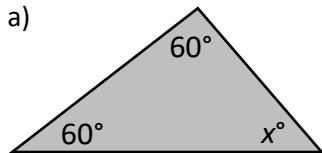
69a

Name:

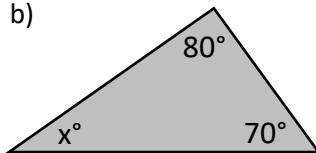


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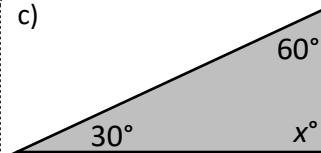
Calculate the missing angle, x , in these triangles:



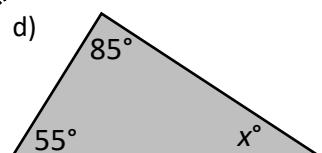
$$60^\circ$$



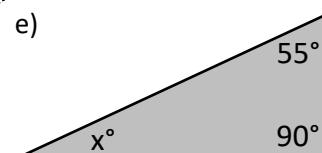
$$30^\circ$$



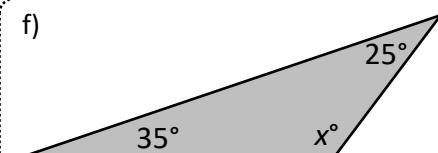
$$90^\circ$$



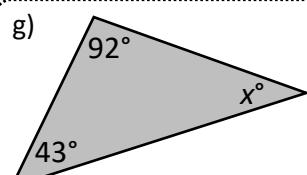
$$40^\circ$$



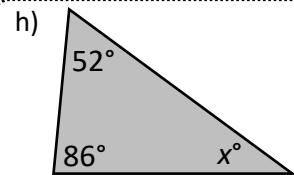
$$35^\circ$$



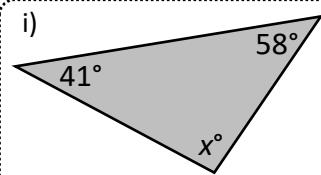
$$120^\circ$$



$$45^\circ$$

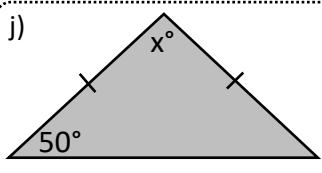


$$42^\circ$$

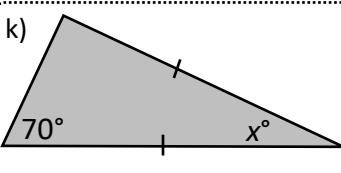


$$81^\circ$$

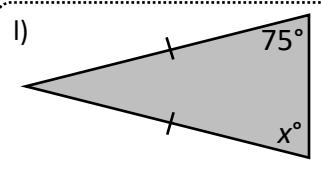
Calculate the missing angle, x , in these triangles:



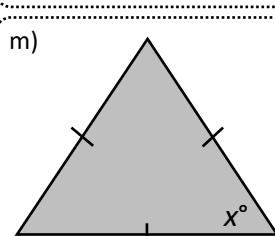
$$80^\circ$$



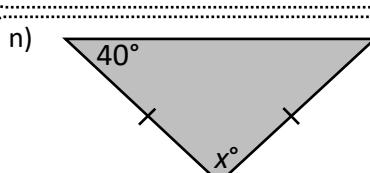
$$40^\circ$$



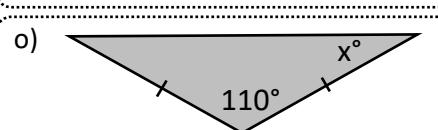
$$30^\circ$$



$$60^\circ$$



$$100^\circ$$



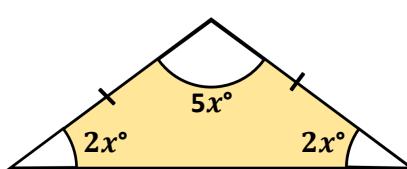
$$35^\circ$$

Exam question:

Calculate the value of x .

$$9x = 180$$

$$x = 20$$



Angles in quadrilaterals

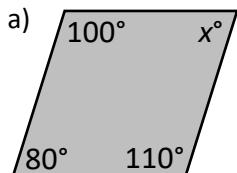
69b

Name:

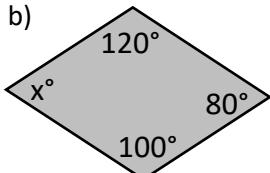


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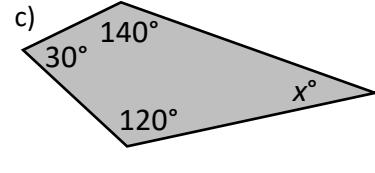
Calculate the missing angle, x , in these quadrilaterals:



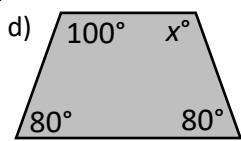
70°



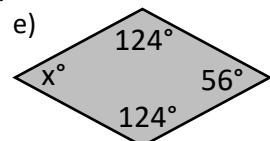
60°



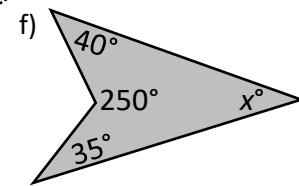
70°



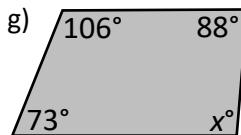
100°



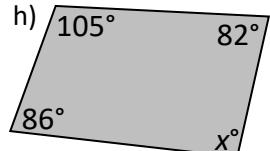
56°



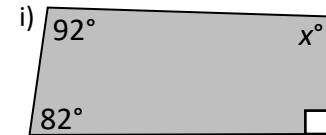
35°



93°

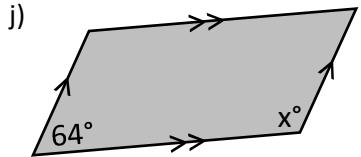


87°

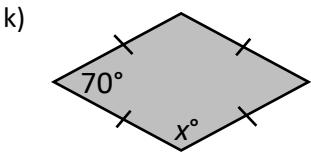


96°

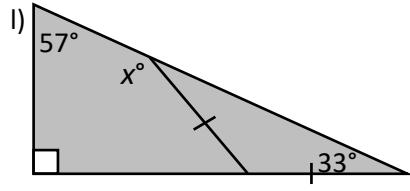
Calculate the missing angle, x , in these quadrilaterals:



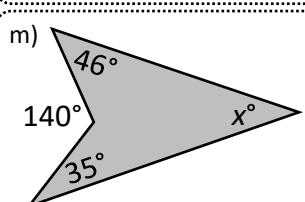
116°



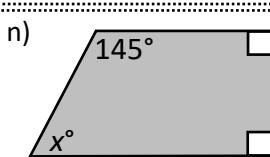
110°



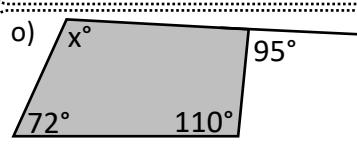
147°



116°



35°



93°

Exam question:

Calculate the value of x .

$$6x = 360$$

$$x = 60^\circ$$

