

Missing angles in right angles and on straight lines

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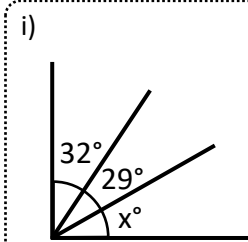
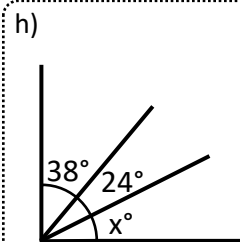
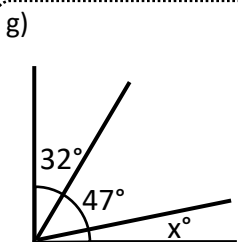
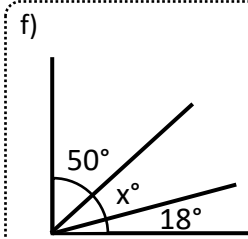
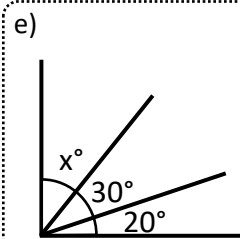
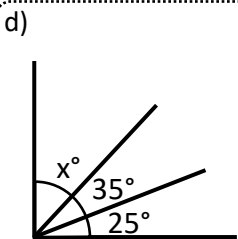
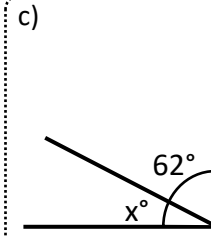
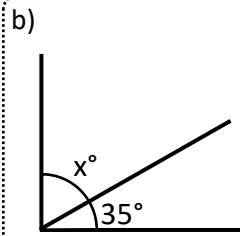
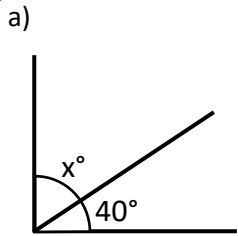


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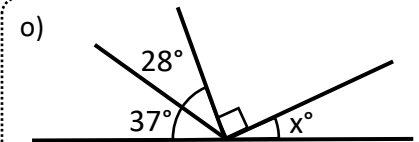
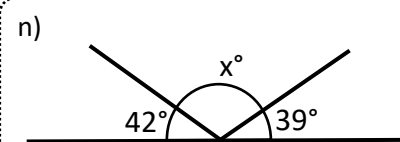
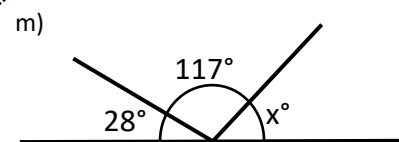
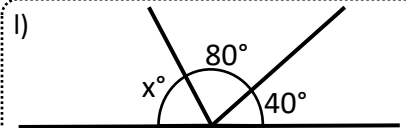
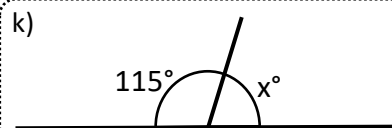
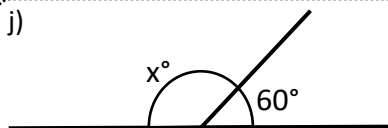
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Calculate the value of missing angle x .

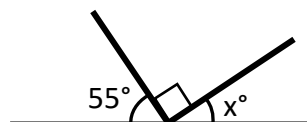


Calculate the value of missing angle x .



Exam question:

Calculate the value of x .

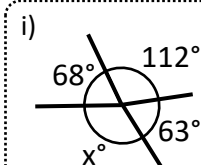
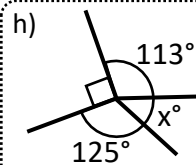
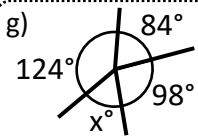
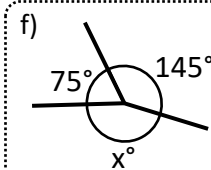
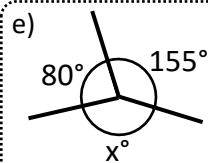
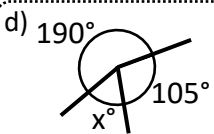
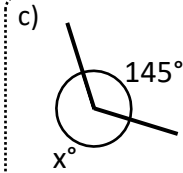
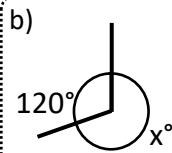
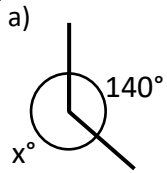




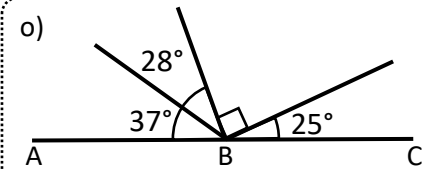
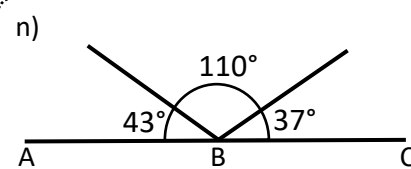
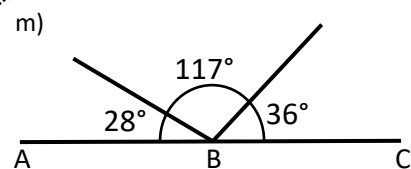
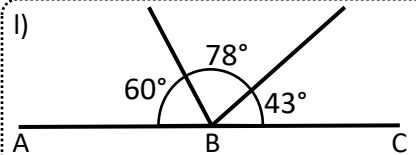
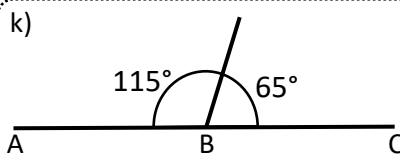
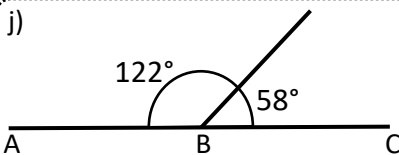
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Calculate the value of missing angle x .



Determine if ABC is a straight line in each diagram. You must show your working.



Exam question:

ACD is a triangle and ABD is a right angle.
Show that BEC is an equilateral triangle.

