

Examples

Workout

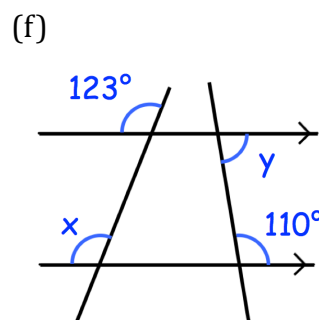
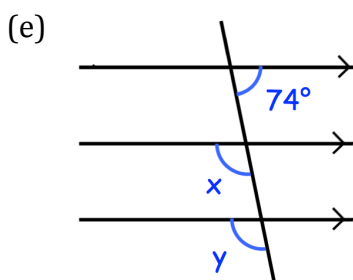
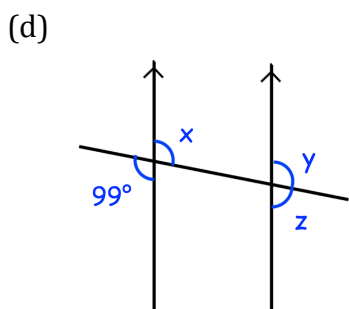
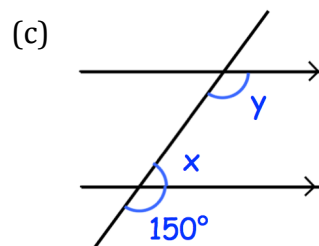
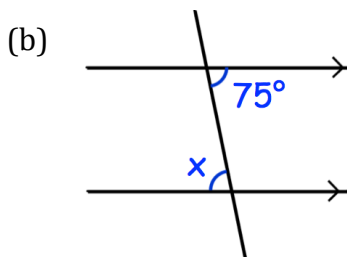
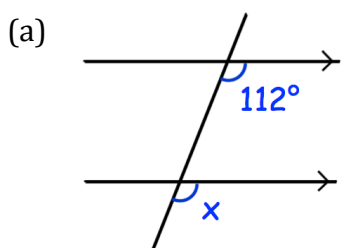


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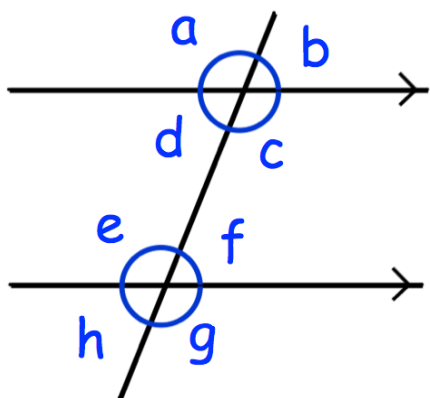


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Question 1: Write down the sizes of the lettered angles.

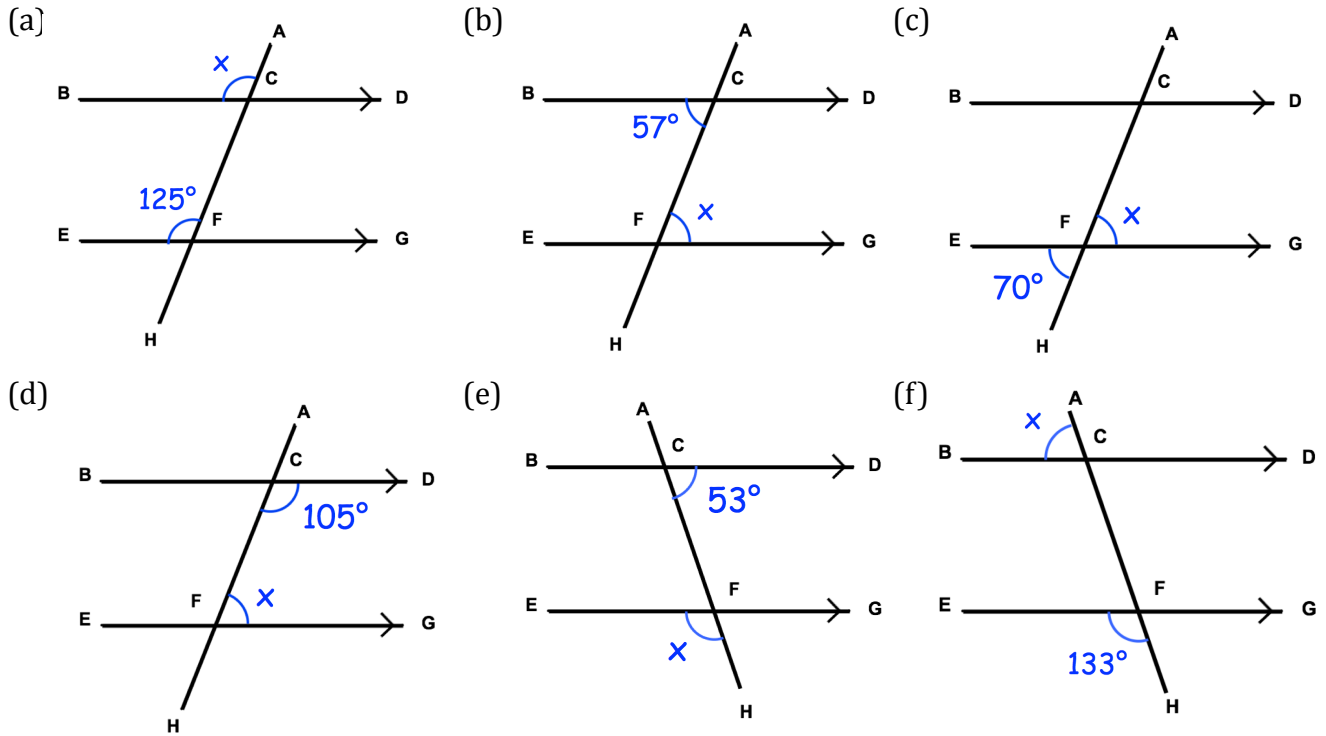


Question 2:

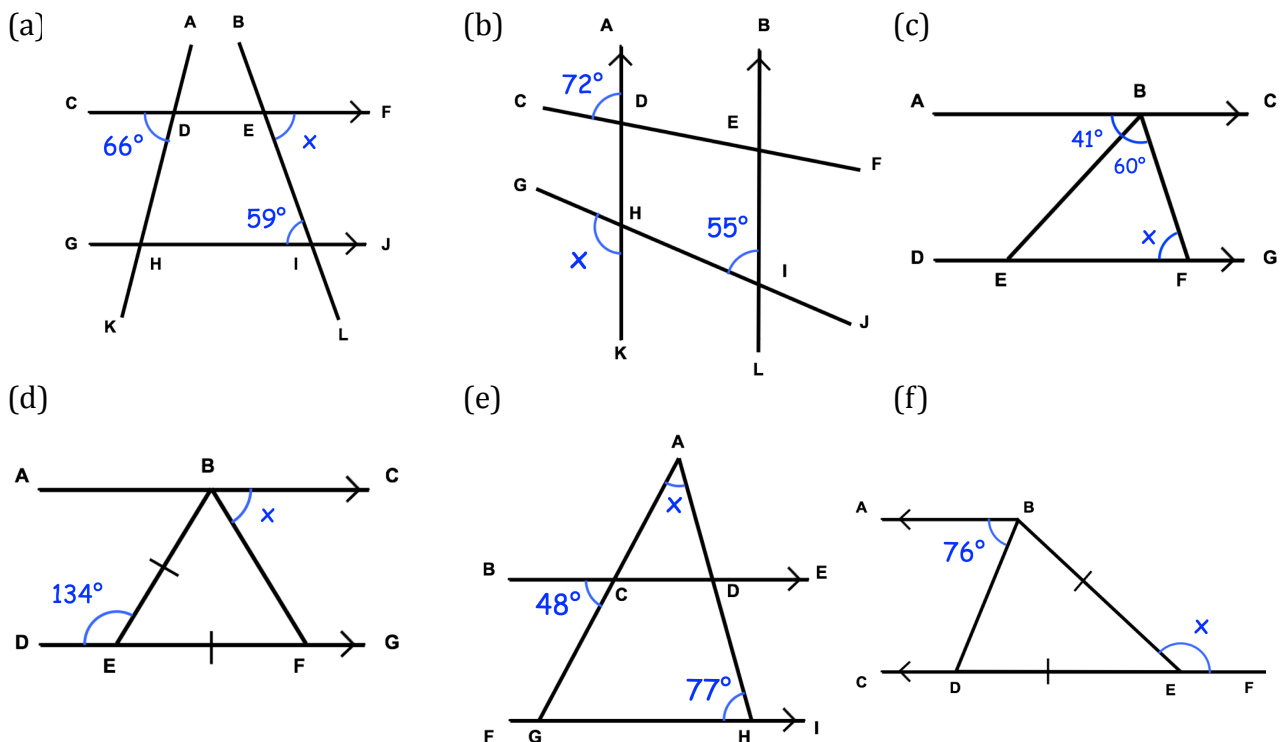


- Which angle is corresponding to angle c?
- Which angle is alternate to angle d?
- Which angle is corresponding to angle h?
- Which angle is vertically opposite to angle a?
- Which angle is alternate to angle e?
- Which angle is co-interior with angle c?
- Which angle is vertically opposite to angle h?
- Which angle is co-interior with angle e?
- Which angle is corresponding to angle a?
- Which angle is vertically opposite to angle g?

Question 3: Find the angle x in each question below.
Give reasons for your answer.

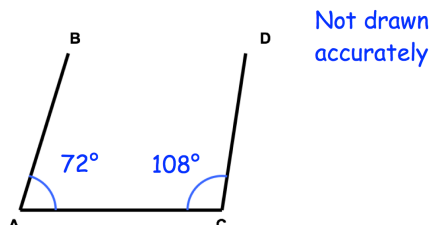


Question 4: Find the angle x in each question below.
Give reasons for your answer.

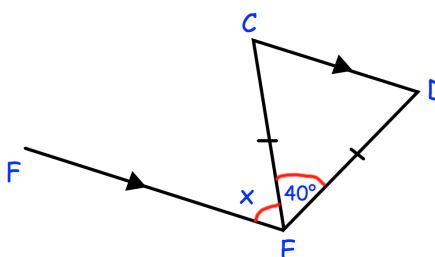


Apply

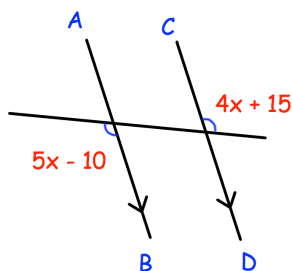
Question 1: Are the lines AB and CD parallel? Explain your answer.



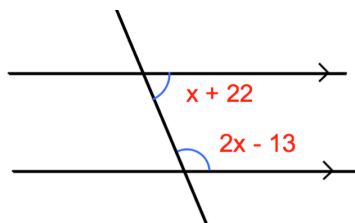
Question 2: Find the missing angle.
Give reasons for your answer.



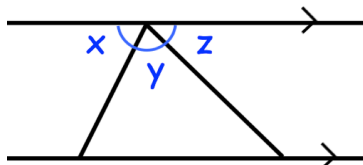
Question 3: Find x



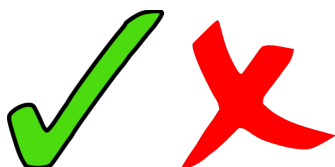
Question 4: Find x



Question 5: Matilda is proving that the angles in a triangle add up to 180° .
She has started with this diagram.
Complete her proof.



Answers



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