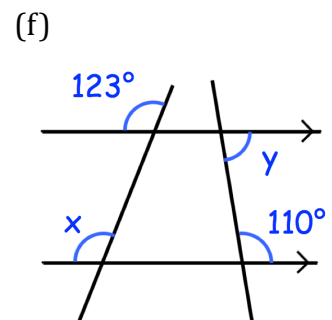
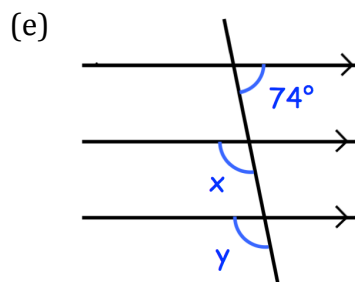
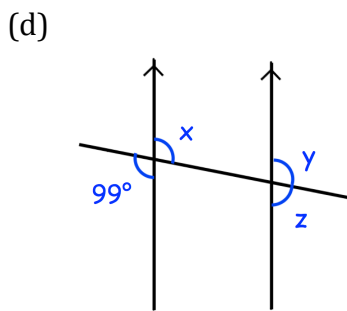
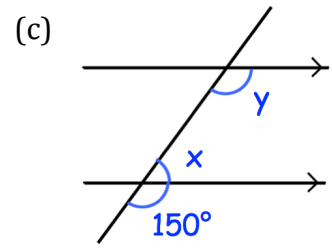
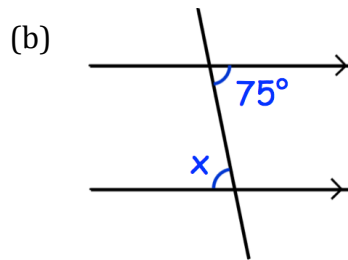
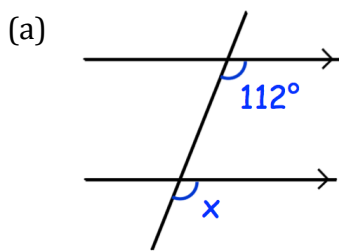


LINES AND ANGLES WORKSHEET

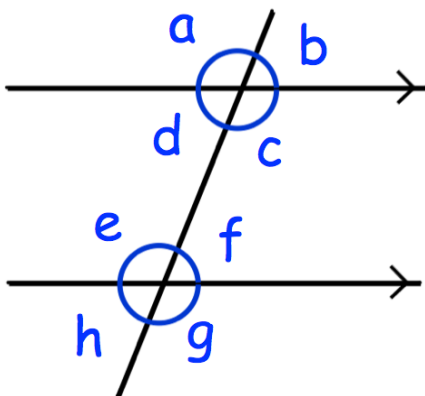
SUBMIT THE ANSWERSHEET

WITH DETAILED REASONING

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

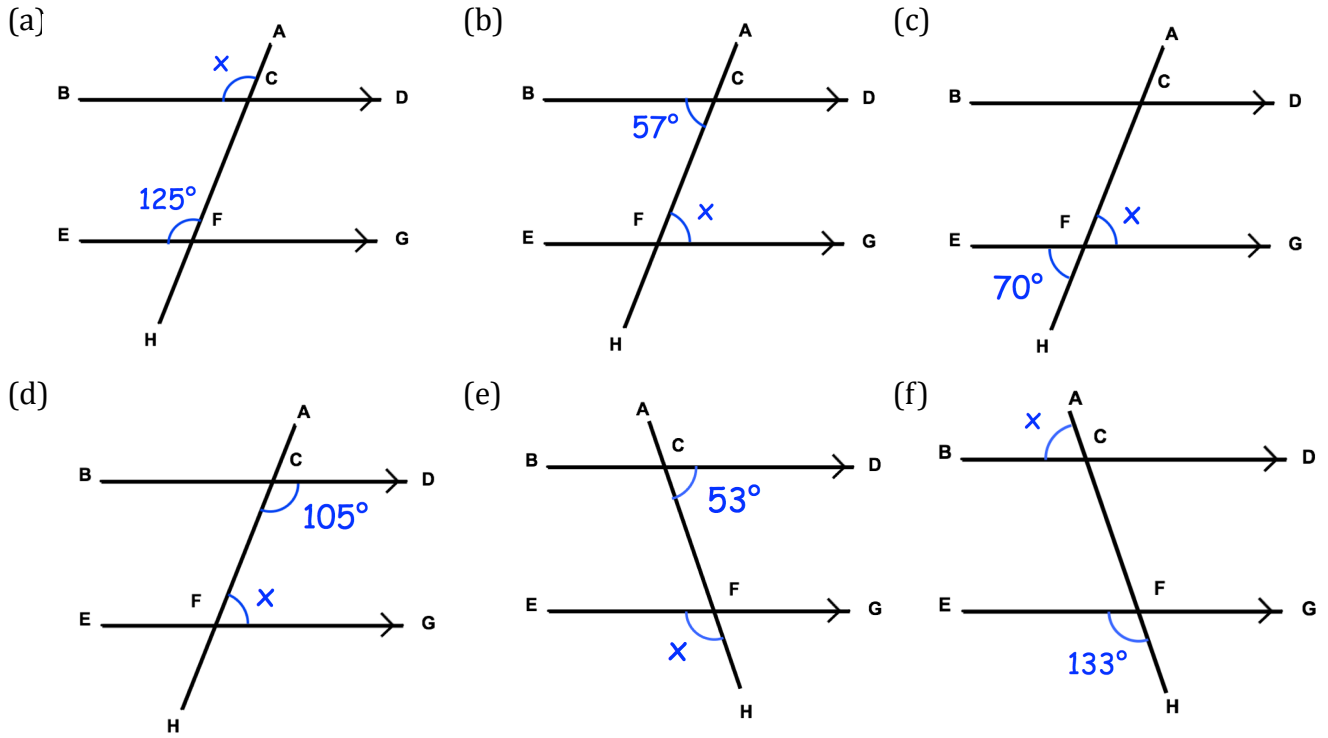


Question 2:

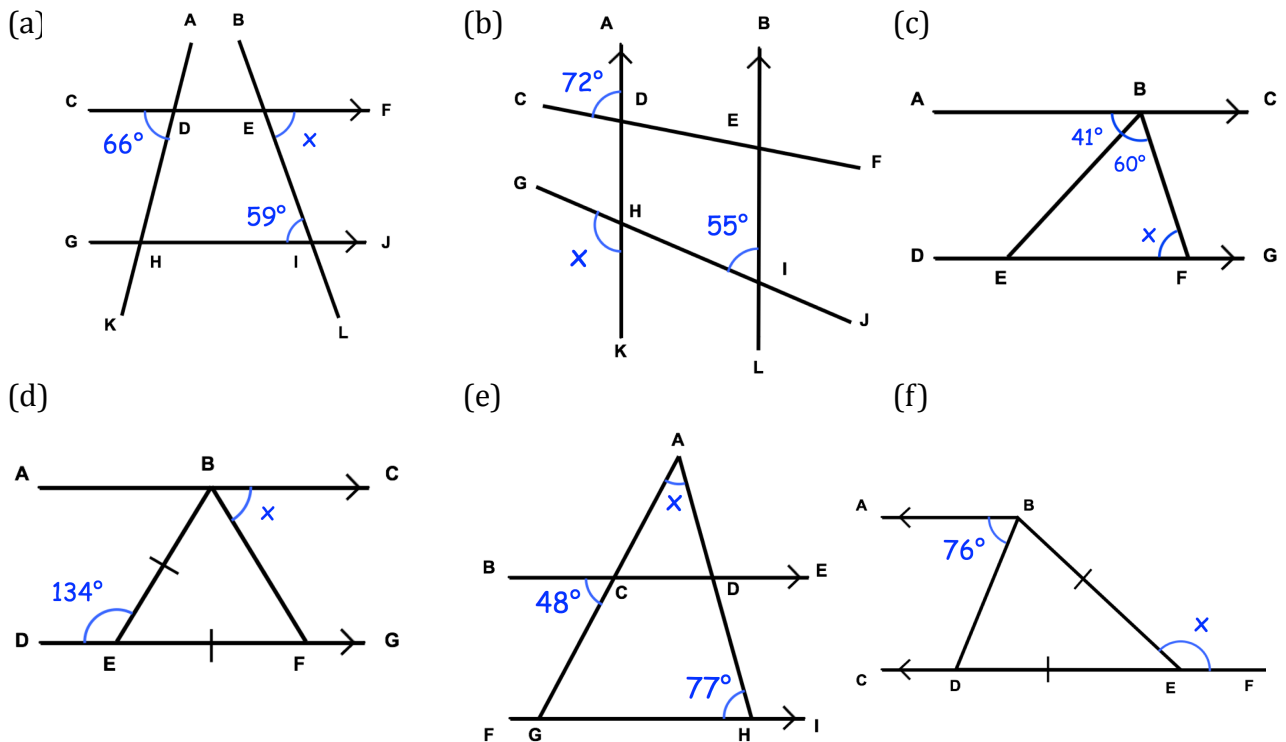


- (a) Which angle is corresponding to angle c?
- (b) Which angle is alternate to angle d?
- (c) Which angle is corresponding to angle h?
- (d) Which angle is vertically opposite to angle a?
- (e) Which angle is alternate to angle e?
- (f) Which angle is co-interior with angle c?
- (g) Which angle is vertically opposite to angle h?
- (h) Which angle is co-interior with angle e?
- (i) Which angle is corresponding to angle a?
- (j) Which angle is vertically opposite to angle g?

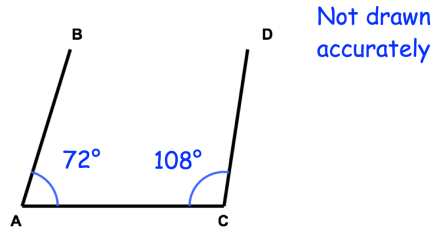
Question 3: Find the angle x in each question below.
Give reasons for your answer.



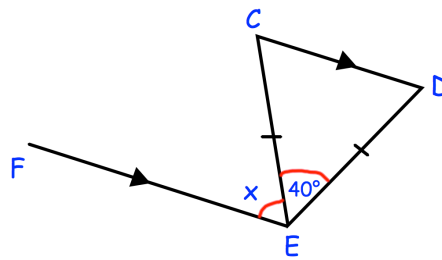
Question 4: Find the angle x in each question below.
Give reasons for your answer.



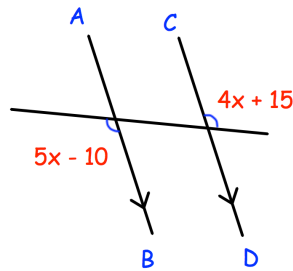
Question 1: Are the lines AB and CD parallel? Explain your answer.



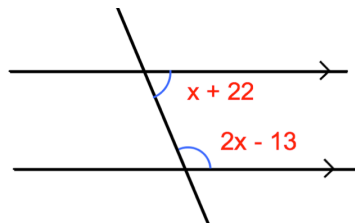
Question 2: Find the missing angle.
Give reasons for your answer.



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.

