

Examples

Workout

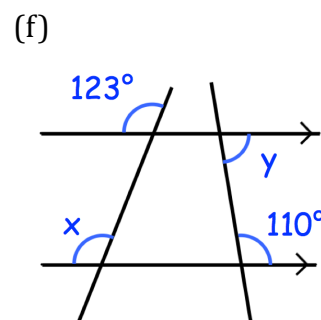
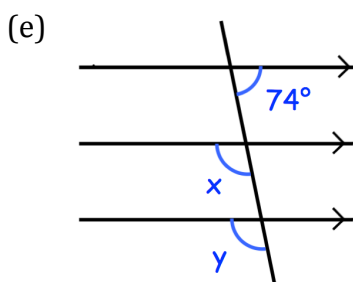
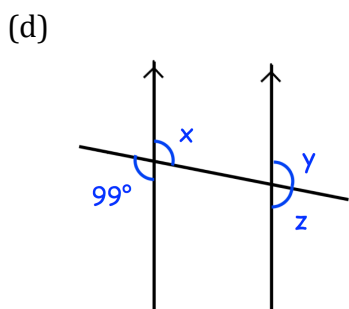
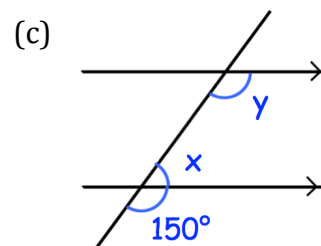
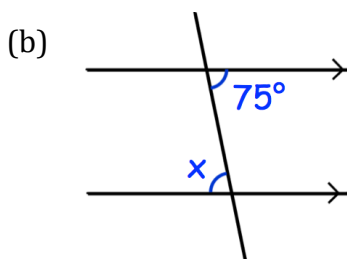
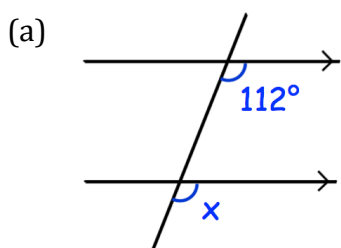


Click here

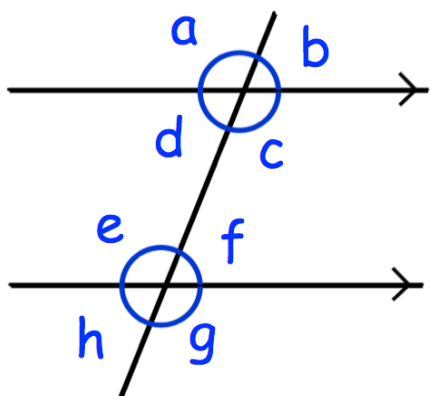


Scan here

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



Question 2:



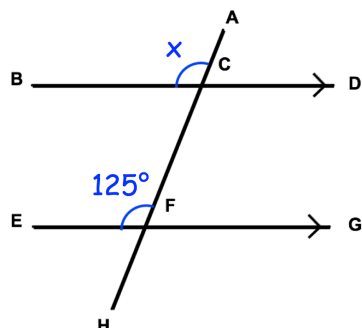
- Which angle is corresponding to angle c?
- Which angle is alternate to angle d?
- Which angle is corresponding to angle h?
- Which angle is vertically opposite to angle a?
- Which angle is alternate to angle e?
- Which angle is co-interior with angle c?
- Which angle is vertically opposite to angle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

Angles: Parallel Lines

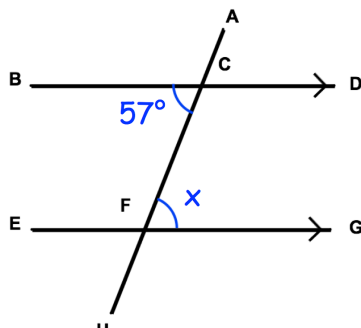
Video 25 on Corbettmaths

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

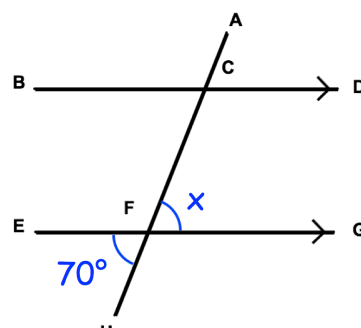
(a)



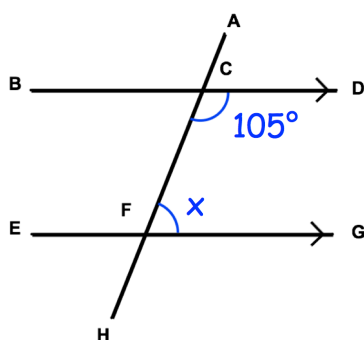
(b)



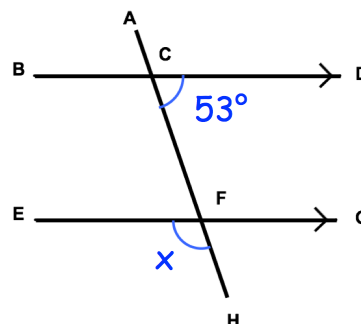
(c)



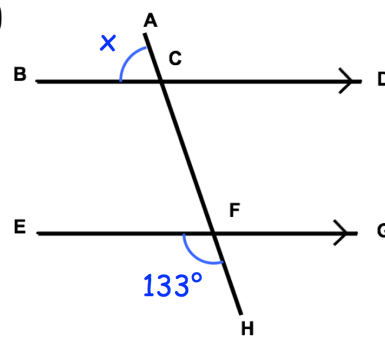
(d)



(e)

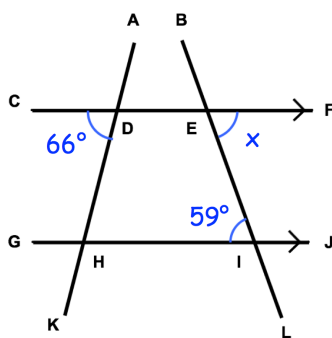


(f)

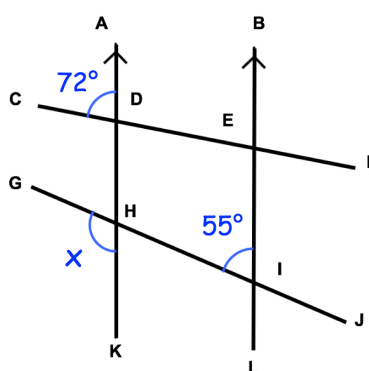


Question 4: Find the angle x in each question below.
Give reasons for your answer.

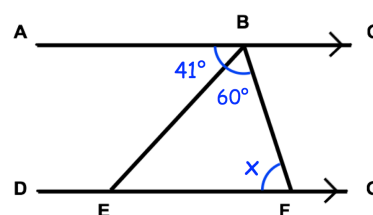
(a)



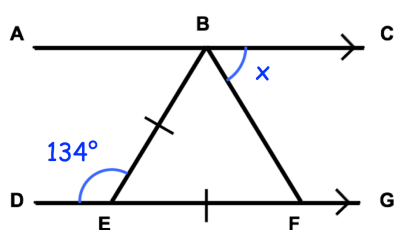
(b)



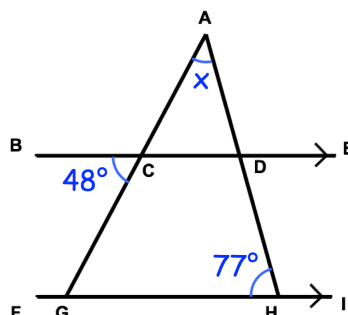
(c)



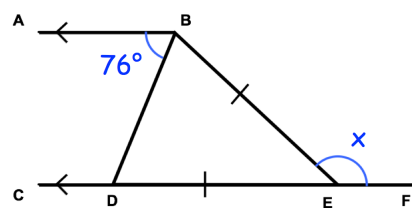
(d)



(e)



(f)

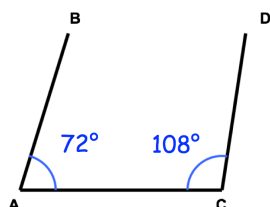


Angles: Parallel Lines

Video 25 on Corbettmaths

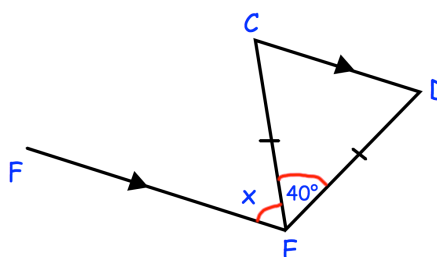
Apply

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

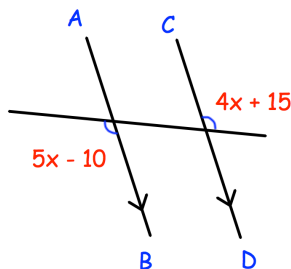


Not drawn
accurately

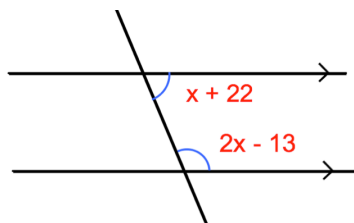
Question 2: Find the missing angle.
Give reasons for your answer.



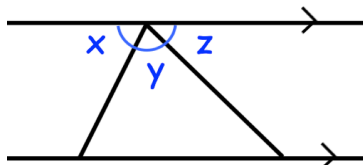
Question 3: Find x



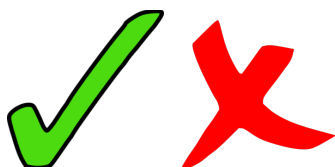
Question 4: Find x



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



Click here



Scan here