

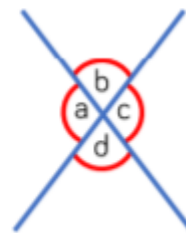
Use the letters from the diagram to complete the boxes.

$$\square = \square$$

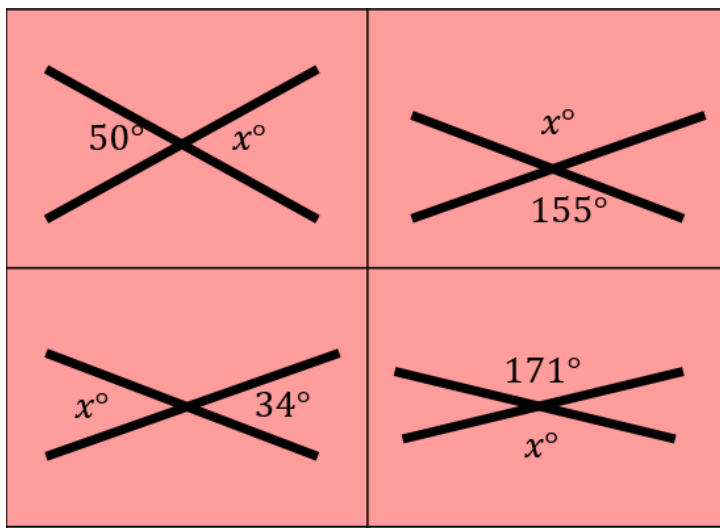
$$\square = \square$$

$$\square + \square = 180^\circ$$

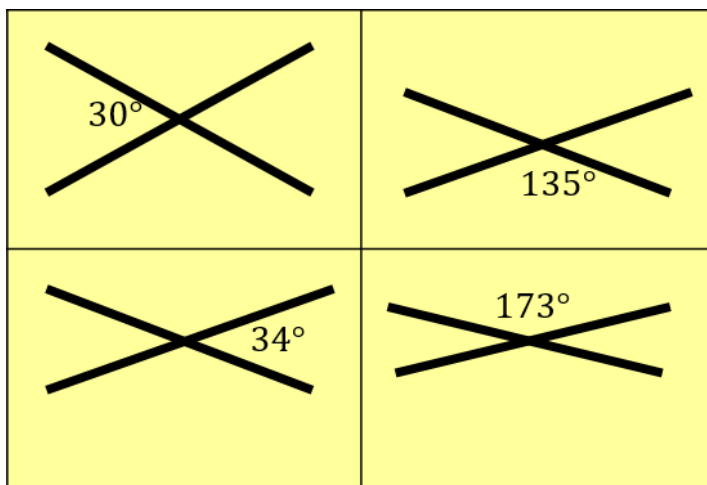
$$\square + \square = 180^\circ$$



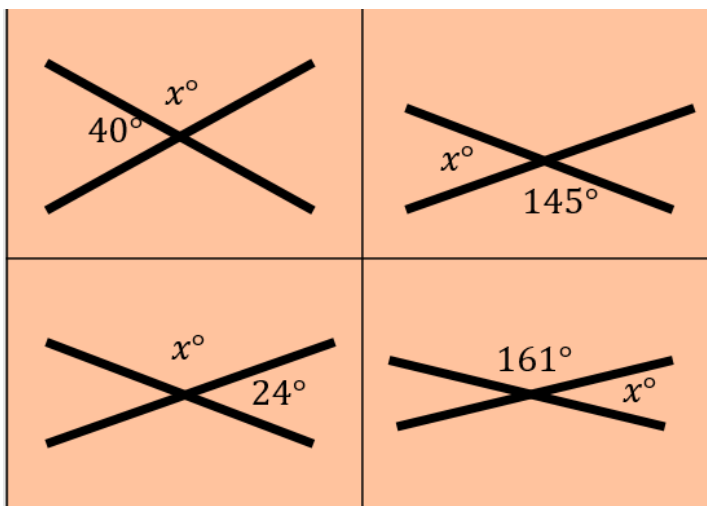
2. What's the value of angle x?



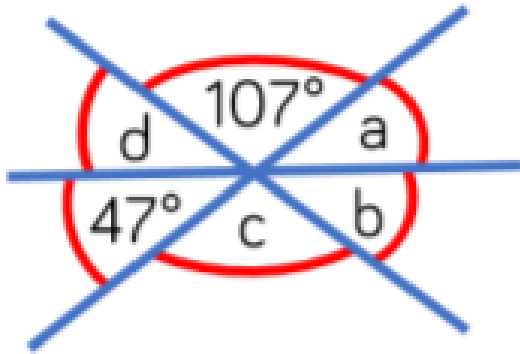
3. What's the value of each missing angle?



4. What's the value of angle x?

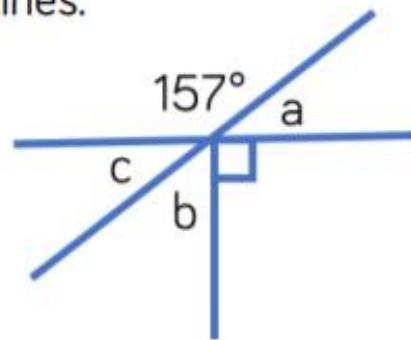


Challenge 1



Challenge 2

The diagram below is drawn using three straight lines.

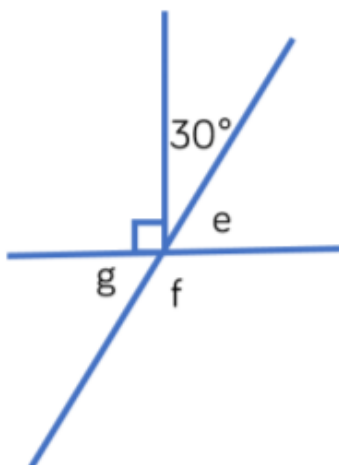


Whitney says that it's not possible to calculate all of the missing angles.

Do you agree? Explain why.

Challenge 3

The diagram below is drawn using three straight lines.



Amir says that angle g is equal to 30° because vertically opposite angles are equal.

Do you agree? Explain your answer.

Find the size of all missing angles.

Is there more than one way to find the size of each angle?