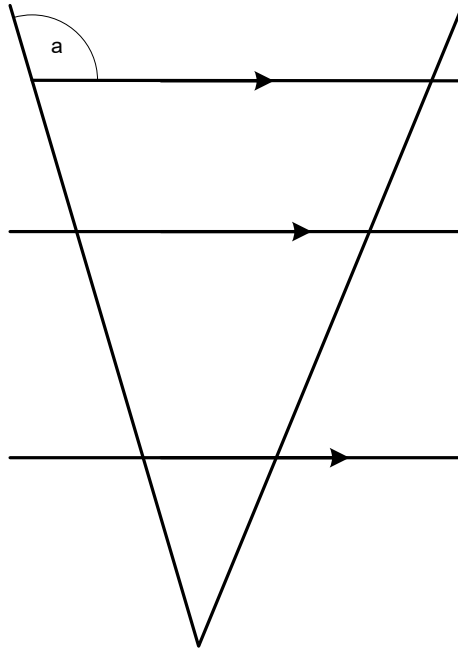
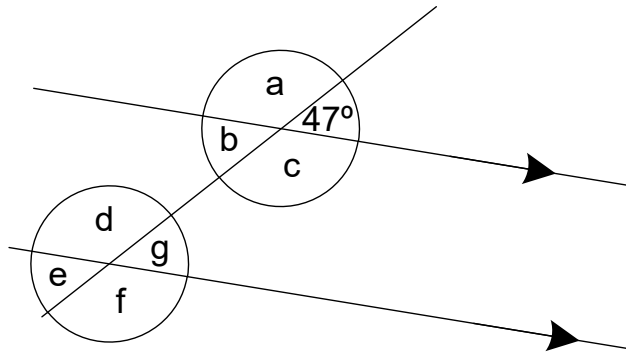


Corresponding Angles

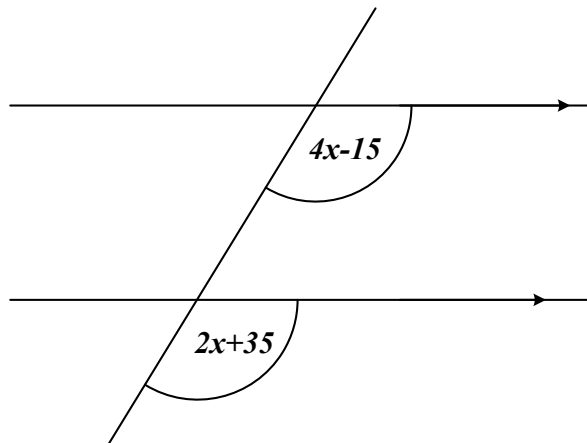
Q1 Mark on the angles that correspond to angle a on the diagram below.



Q2 For each of the marked angles below, give their size and state how you know this.



Q3 Find the value of x.



Q4 The line AB has the equation $y = 3x - 5$

The line CD is parallel to AB but goes through the point (0,4).

A transverse line EF runs through both AB and CD at points G and H such that the angle CGH is $3x + 10$ and angle AHF is $7x - 60$.

JGC is an isosceles triangle.

Find the size of angle EJC.

State your reasons.

