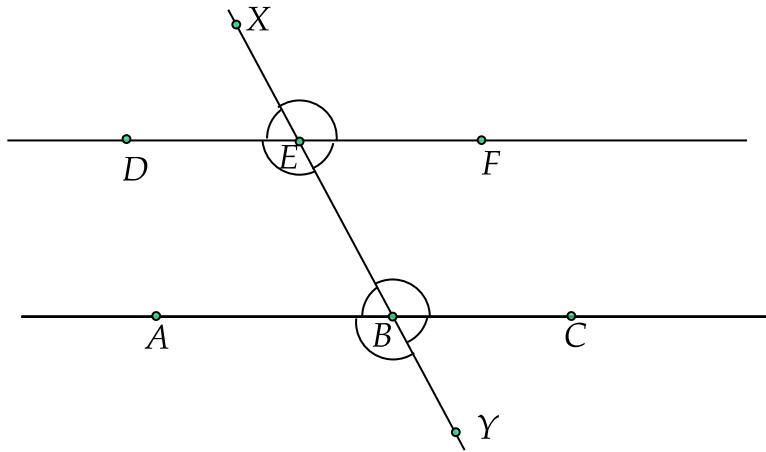
1.   See the following figure and answer the questions   (4)
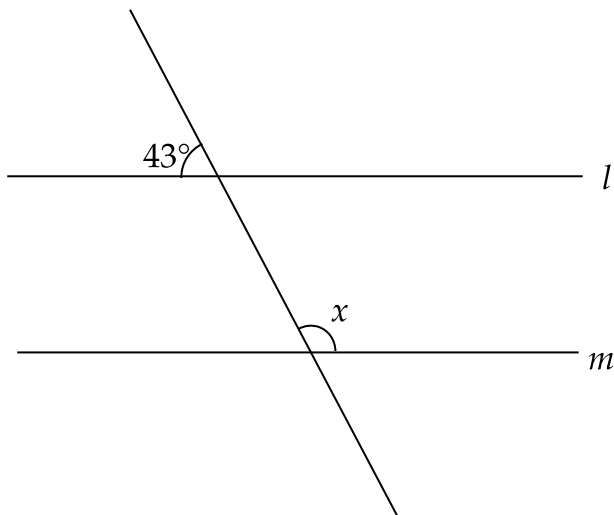

    i) Name *two pairs* of corresponding angles.
    ii) Name *two pairs* of alternate interior angles.
    iii) Name *two pairs* of vertically opposite angles.
    iv) Name the *two pairs* of interior angles on the same side of the transversal.

2. Find x in the adjoining figure where l is parallel to m :   (1)
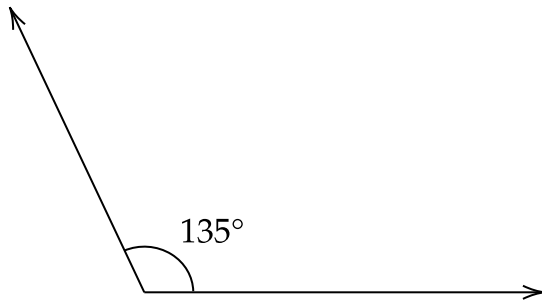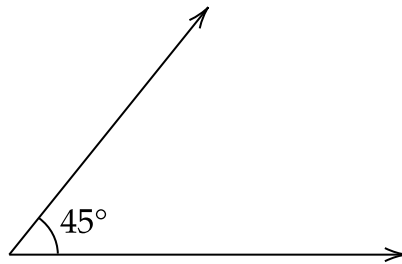

3.   Find the supplement of the following angles :   (3)

a.

135°

b.

45°

c.

165°

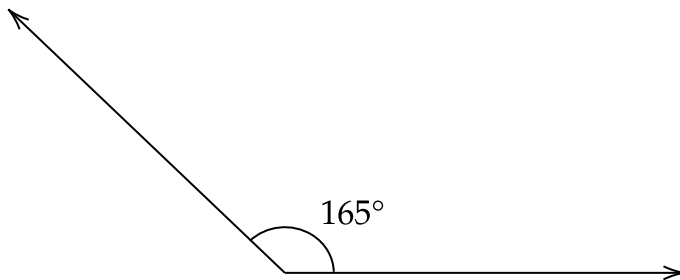4. Can two angles be supplementary if both of them are :   (2)
    a) acute ?
    b) obtuse ?
    If *not* then give reasons