

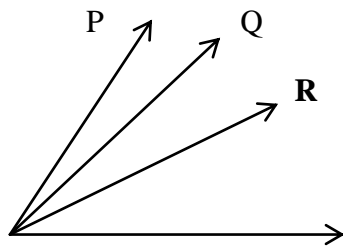
WORK SHEET AND ANSWER- 2, Module- $\frac{2}{3}$

Chapter- 5, LINES AND ANGLES

Q1 Fill in the blanks-

- (a) The measure of a linear pair angles -----.
- (b) An adjacent pair of angles have a common ----- and a common -----.
- (c) In a linear pair angles ,the non-common arms form opposite -----.
- (d) One of the angles of a linear pair is 45° , and then the measure of other angle is -----.
- (e) A ----- is common in vertically opposite angles.
- (f) A linear pair of angles are also ----- angles.

Q2. Name all the adjacent angles-



ST

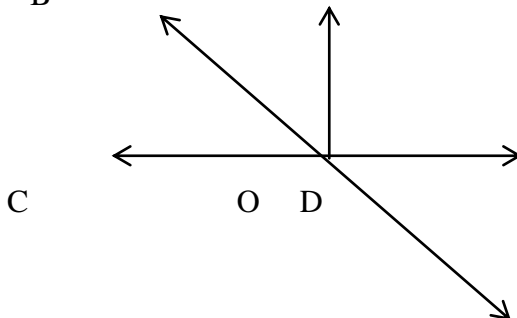
Q3. If $(5x - 1)^\circ$ and $(5x - 19)^\circ$ form a linear pair, and then find the value of x.

Q4. In the fig. BO is perpendicular to CD, then name-

- (i) two linear pairs. (ii) two pairs of vertically opposite angles (iii) three pairs of adjacent angles
- (iv) one pair of complementary angles (vi) one pair of supplementary angles.

A

B



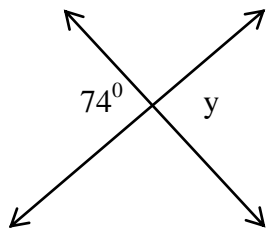
C

O D

E

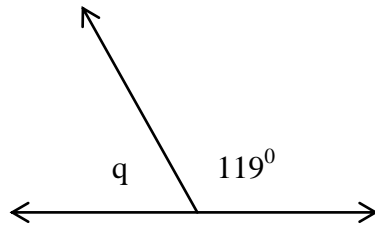
Q5. Look at the following figures and fill in the blanks –

(i)



$y = \dots\dots\dots$.

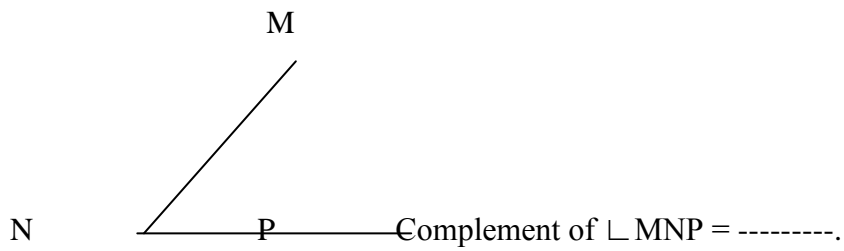
(ii)



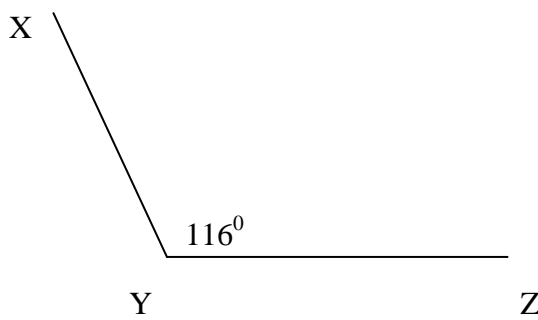
$q = \dots\dots\dots$.

(iii)

43°

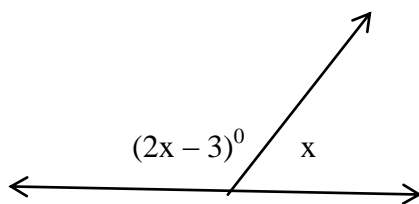


(iv)



Supplement of $\angle XYZ = \dots\dots\dots$.

(v)



$x = \dots\dots\dots$.