

Subject: - Mathematics

TEST PAPER

CBSE-7th

Topic: - Lines & Angles

Time: - 60mins, M.M:-25

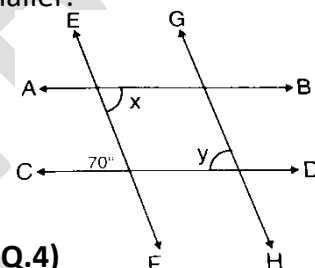
Section – A (1 Mark each)

1) Find the angles, if the angles are supplementary and the larger is twice the smaller.

2) The angles are vertical and complementary.

3) The angles are complementary and the smaller is 40° less than the larger.

4) In the figure, $AB \parallel CD$ and $EF \parallel GH$. Find x and y .



(Q.4)

5) Two angles are vertically opposite to each other and are supplementary. The angles are

a) $150^\circ, 30^\circ$

b) $120^\circ, 60^\circ$

c) $90^\circ, 90^\circ$

d) $45^\circ, 135^\circ$

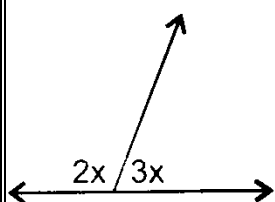
Section – B (2 Marks each)

1) Calculate the value of x .

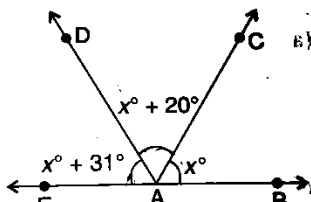
2) Find all the angles.

3) Find all the angles.

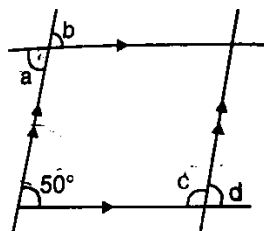
4) Find the value of x .



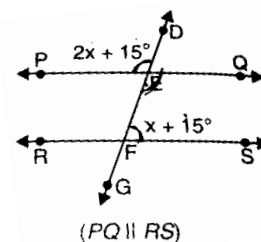
(Q.1)



(Q.2)



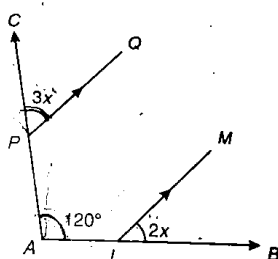
(Q.3)



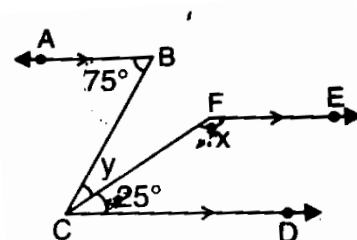
(Q.4)

Section – C (3 Marks each)

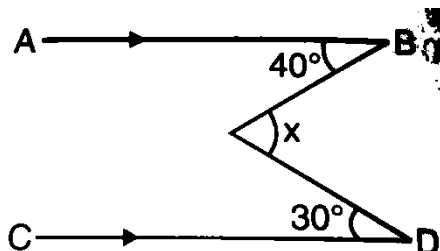
1) In the given figure, $AB \parallel CD \parallel FE$, find the angles x and y .



2) Where $(PQ \parallel LM)$, find the value of x .



3) Find $\angle x$, given the reasons.



4) In the given figure, $\angle DCE = 65^\circ$ and $\angle ACD = 35^\circ$. Find x , y and z .

