

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date:

Name:

ID No.....

Performance Test

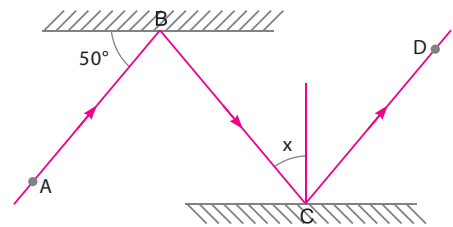
Write the correct answer for each of the following.

(i.) If one of the angles of a triangle is 120° , then the angle between the bisectors of other two angles can be

- (a) 50° (b) 65° (c) 145° (d) 150°

(ii.) The value of x in Fig. 4.27 is

- (a) 50° (b) 30° (c) 40° (d) 60°



(iii.) How many triangles can be drawn having its angles as 50° , 30° , and 100° ? Give reason for your answer?

(iv.) In Fig. 4.28 find x if $AB \parallel CD$ and $EF \parallel CD$

