

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date:

Name:

ID No.....

1. Write the correct answer in each of the following.

(i.) If the ratio between two complementary angles is 2 : 3, then the angles are

(a) 144° , 216°

(b) 120° , 240°

(c) 36° , 54°

(d) 30° , 60°

(ii.) The angles of a triangle are in the ratio 2 : 3 : 7, the triangle is

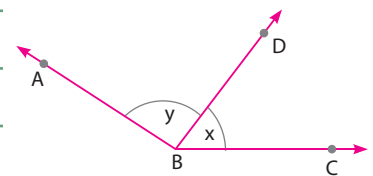
(a) an isosceles triangle

(b) an obtuse triangle

(c) an equilateral triangle

(d) a right angle

(iii.) For what value of $x + y$ in Fig. 4.20, will ABC be a line? Justify your answer.



(iv.) How many triangles can be drawn having its angles as 55° , 62° and 65° ?
