MATHS

BOOKS - JNAN PUBLICATION

Geometrical Concepts Based On Different Instrument Of Geometry Box

Example

1. Lengths of the sides of triangles are given. Lets identify the types of triangles according

to sides without drawing them. (a) 18 cm. 18 cm. 10 cm.

2. Lengths of the sides of triangles are given. Lets identify the types of triangles according to sides without drawing them. (b) 5.2 cm., 5.2 cm., 5.2 cm.

3. Lengths of the sides of triangles are given. Lets identify the types of triangles according to sides without drawing them. (c) 8 cm., 2 cm., 9 cm.

4. The measures of three angles of triangles are given below. Lets identify the type according to angles. (a) 90^0, 45^0, 45^0,

5. The measures of three angles of triangles are given below. Lets identify the type according to angles. (b) $90^0, 30^0, 60^0$,

▶ **Watch Video Solution**

6. The measures of three angles of triangles are given below. Lets identify the type according to angles. (c) $75^0, 70^0, 35^0$,

▶ **Watch Video Solution**

7. The measures of three angles of triangles are given below. Lets identify the type according to angles. (d) 60^0, 60^0, 60^0,
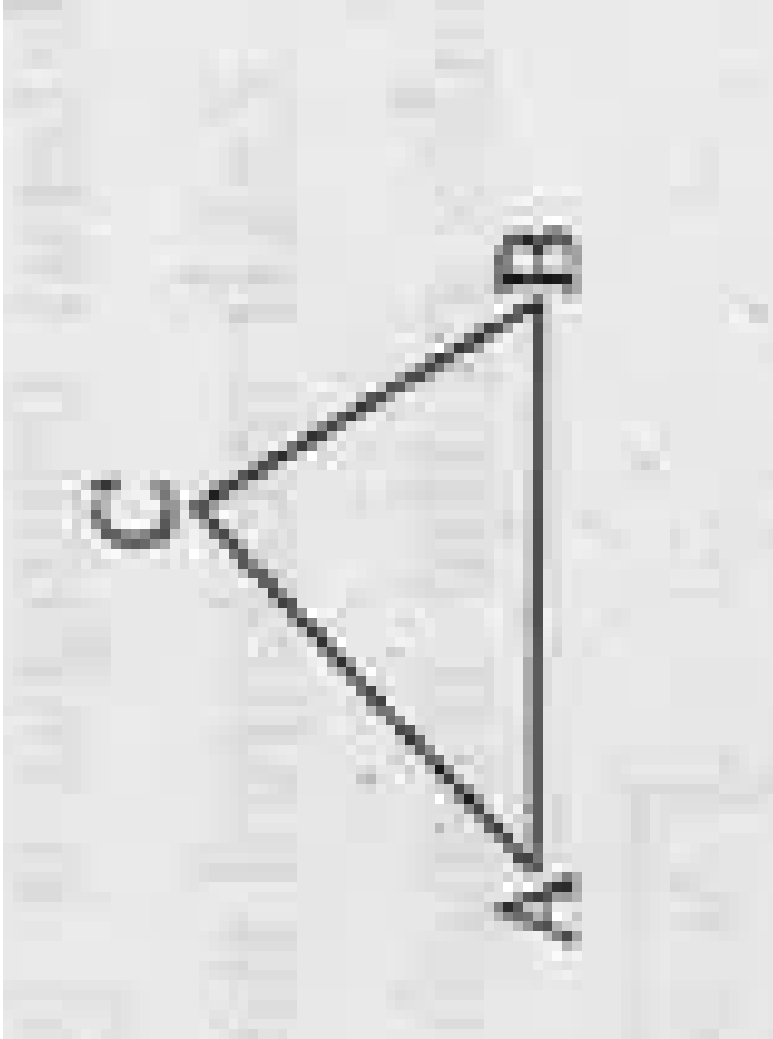
▶ **Watch Video Solution**

8. The measures of three angles of triangles are given below. Lets identify the type according to angles. (e) 120^0, 30^0, 60^0,

▶ **Watch Video Solution**

9. A, B & C are three non-collinear points, Let's join AB, BC and CA and try to find answer of the following. (d) Let's write the side opposite
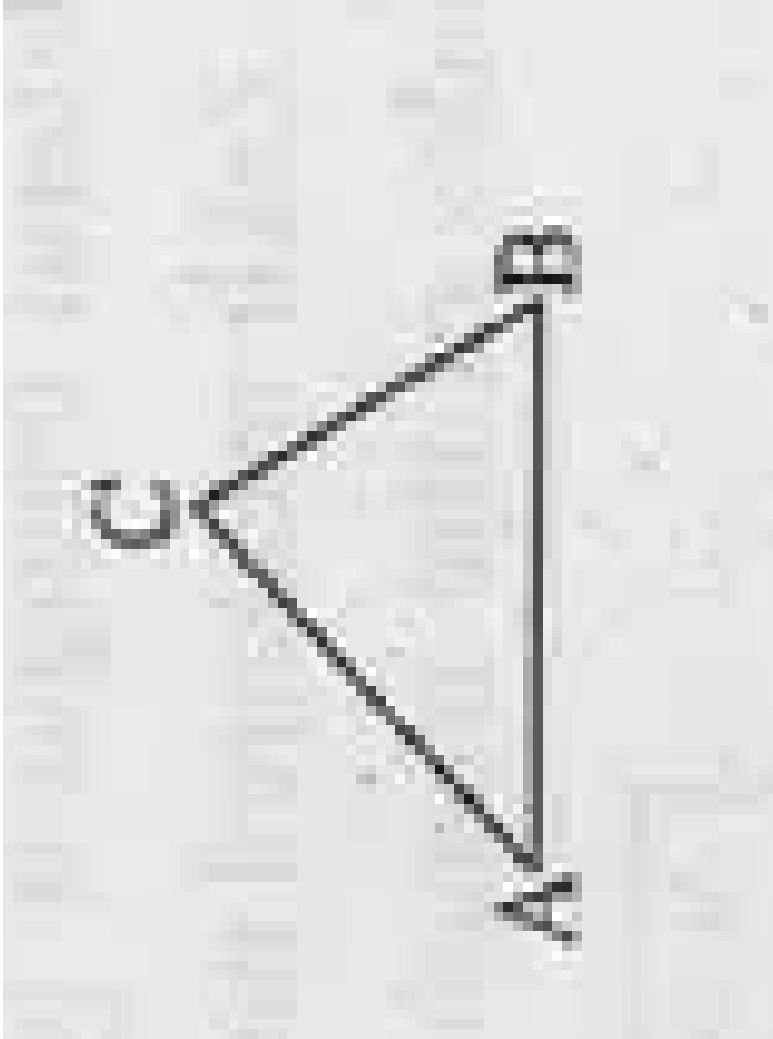
to `angleBAC

10. A, B & C are three non-collinear points, Let's join AB, BC and CA and try to find answer of the following. (d) Let's write the side opposite

to `angleBAC

11. A, B & C are three non-collinear points, Let's join AB, BC and CA and try to find answer of the following. (d) Let's write the side opposite

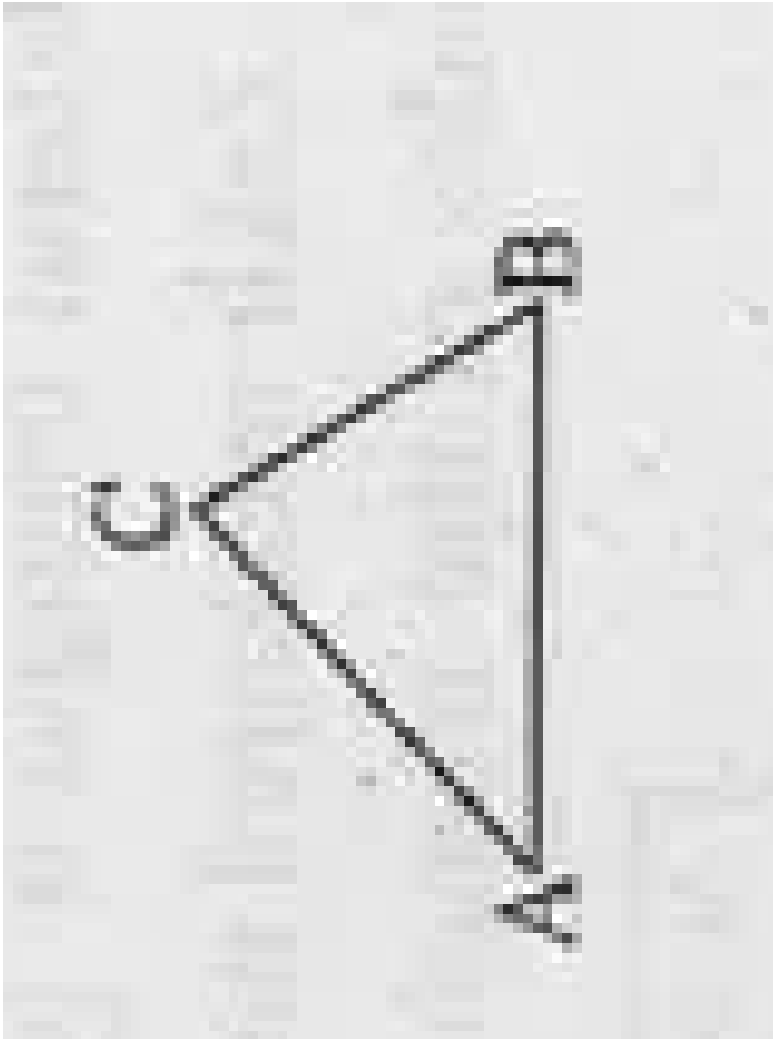to `angleBAC

12. In △ ABC if $\angle A$ =72 $\angle B$ =63 then find $\angle C$

13. A, B & C are three non-collinear points, Let's join AB, BC and CA and try to find answer of the following. (d) Let's write the side opposite

to `angleBAC

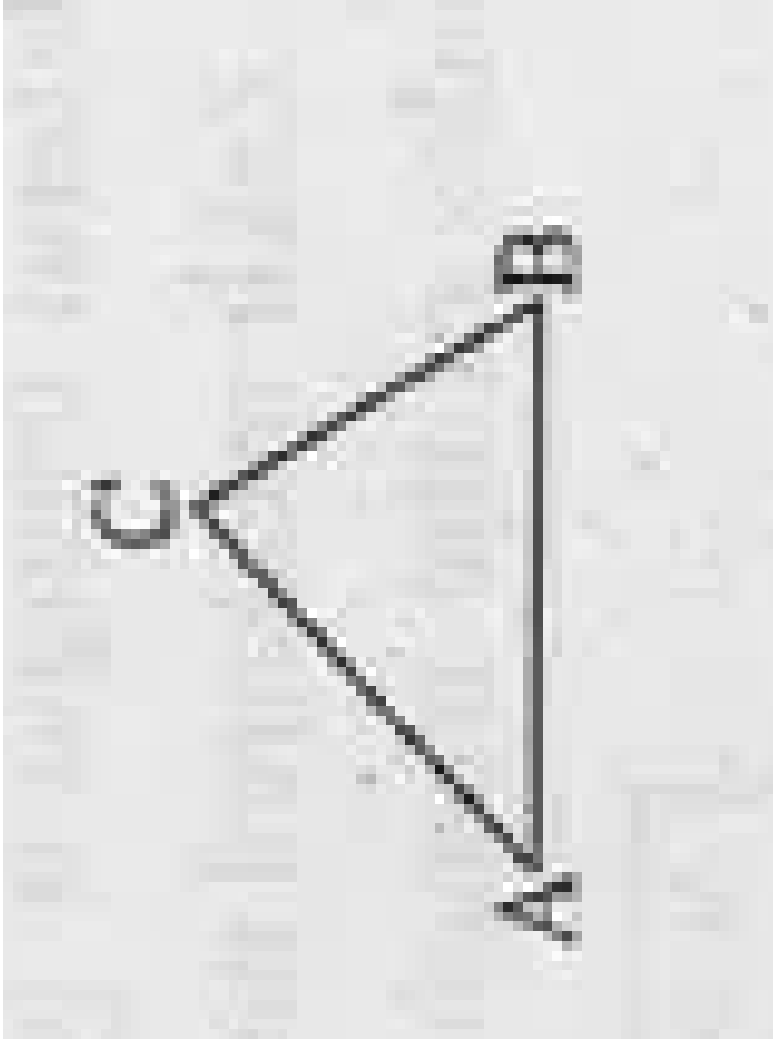**14.** Lets find, if the statement given below are correct or not (a) Hypotenuse in the smallest side of a right angled triangle.

▶ **Watch Video Solution**

15. Lets find, if the statement given below are correct or not (b) One angle of a right angled triangle is 90^0.

▶ **Watch Video Solution**

16. Lets find, if the statement given below are correct or not (c) There are atleast two acute angles in a triangle.

17. Lets find, if the statement given below are correct or not (d) Each equliaeral triangle is called an isosceles triangle.

18. Lets find, if the statement given below are correct or not (e) Sum of three angles of a triangle is 360^0

▶ **Watch Video Solution**

19. Lets find, if the statement given below are correct or not (f) Right angled triangle can never be an equilateral triangle..

▶ **Watch Video Solution**

20. Lets find, if the statement given below are correct or not (g) Right angled triangle can be an isosceles triangle..

21. Let's write a logical statement for the set of words given below. (a) Square, rectangle, parallelogram__are quadrilateral.

22. Let's write a logical statement for the set of words given below. (a) Square, rectangle, parallelogram__are quadrilateral.

▶ **Watch Video Solution**

23. Let's write a logical statement for the set of words given below. (a) Square, rectangle, parallelogram__are quadrilateral.

▶ **Watch Video Solution**

24. Fill in the gaps.

Rhombus is a special type of _____.

25. Let's find the given statements are true or false.(a) Rectangular figure has all the sides equal.

26. Let's Find the given statement is true or false.(b) Each angle of a square is a right angle.

27. Let's find the gives statement is true and false.(c) Opposite sides of a parallelogram are parallel.

28. Let's find the given statemebts are true or false.(e) None of the angles of a rhombus are right angle.

▶ Watch Video Solution