



MATHS

BOOKS - JNAN PUBLICATION

CONSTRUCTION OF TRIANGLES.

506

1. Draw a triangle ABC in which AB = 5.5cm,

BC=5cm and CA =6cm.

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1. Draw an equilateral triangle having each side = 4.5 cm, also measure its three angles with a protractor and write their measures.

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2. Draw a triangle PQR , such that PQ = 6cm,

QR = 5 cm, and PR = 6 cm.



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1. Construct a riangle ABC, so that BC = 5.5 cm,

 $igtriangle ABC = 60^\circ$ and $igtriangle ACB = 30^\circ$

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2. To draw a triangle whose one side QR= 7.2cm, $\angle PQR = 80^{\circ}$ and $\angle PRQ = 115^{\circ}$. If triangle can not be constructed, to find the reason for such problem.

3. Draw an isosceles triangle whose two equal sides are 7.2 cm each and the angle included between them is 100° .

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1. Construct a right angled riangle PQR such that

 $\angle PQR = 90^{\circ}$, PQ = 6cm. And QR =4cm.

2. Draw a right angled riangle XYZ such that $riangle XYZ = 90^\circ$, XZ = 10cm and XY = 6cm.

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3. Draw a right angled riangle ABC. Such that

 $igtriangle BAC = 90^\circ$, BC =8cm and $igtriangle ACB = 45^\circ$.