



# MATHS

## BOOKS - CHETANA MATHS (MARATHI ENGLISH)

### CONSTRUCTION OF TRIANGLES

#### Exercise

1. Draw segment  $PQ=4.3$  cm and bisect it.



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2. Draw equilateral triangle, side= 3.8 cm.



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3. Draw right angled triangle with base 3.2 cm and height 4.3 cm.



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4. Bisect  $\angle ABC = 130^\circ$



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5. Draw  $AB \perp BC$ .



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6. Draw seg  $JK=8.4$  cm and draw its perpendicular bisector.



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7. Draw  $\triangle RST$ , with  $RS=5\text{cm}$ ,  $ST=9\text{ cm}$ ,  $RT=7\text{ cm}$ .



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8. Draw  $\triangle MNP$  with  $NP=6\text{ cm}$ ,  
 $\angle N = \angle P = 70^\circ$ .



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9. Draw  $\angle 130^\circ$ .



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10. Draw a scalene  $\triangle RST$ .



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11. Draw  $\triangle ABC$ ,  $AB=3$  cm,  $BC=4$  cm,  $AC=5$  cm, measure  $\angle B$ .



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12. Draw  $\triangle PQR$ , Ratios of sides 2:3:4.



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13. Draw equilateral triangle with side=4 cm.



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14. Draw right angled  $\triangle ABC$  with  $\angle A = 40^\circ$  and seg  $AB=5.5$  cm.



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15. Draw  $\triangle MNP$ ,  $NP=7$  cm,  $\angle N = \angle P = 60^\circ$  .



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16. Draw  $\triangle PQR$ ,  $QR=6.0$  cm,

$\angle Q = \angle R$ ,  $\angle P = 80^\circ$



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**17.** Draw right angled  $\triangle MNP$ ,  $\angle N = 90^\circ$   
,draw perpendicular bisector of MP and angle  
bisector of  $\angle N$ .



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**18.** Draw scalene triangle and draw angle  
bisectors.



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19. Draw  $\triangle ABC$ ,  $AB=AC=4$  cm,  $BC=6$  cm.



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