EduSahara™ Learning Center Assignment

Grade : Class VII, CBSE
Chapter : The Triangle and its Properties
Name : Triangle Concepts
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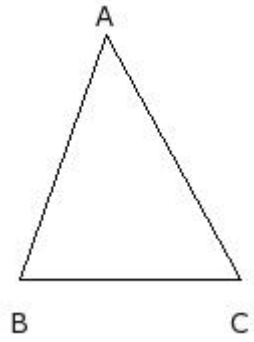
1. The side opposite to the vertex A



(i) $\overline{AB}$ (ii) $\overline{AE}$ (iii) $\overline{CA}$ (iv) $\overline{BC}$ (v) $\overline{DB}$

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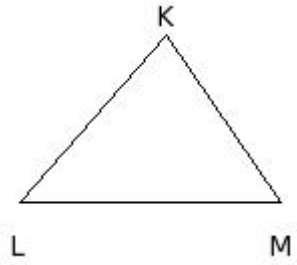
2. The side opposite to the vertex L



(i) $\overline{KO}$ (ii) $\overline{KL}$ (iii) $\overline{MK}$ (iv) $\overline{NL}$ (v) $\overline{LM}$

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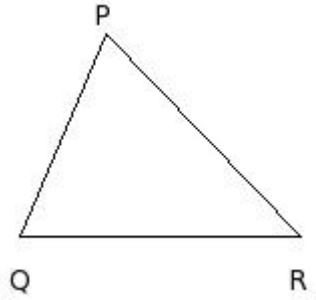
3. The side opposite to the vertex R



(i) $\overline{SQ}$ (ii) $\overline{QR}$ (iii) $\overline{PT}$ (iv) $\overline{RP}$ (v) $\overline{PQ}$

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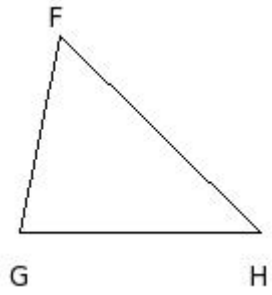
4. The vertex opposite to the side $\overline{GH}$



(i) F (ii) J (iii) $\overline{HI}$ (iv) G

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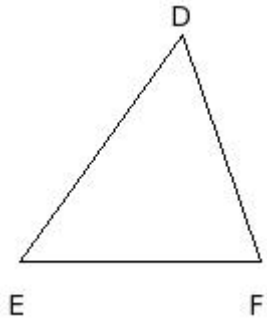
5. The vertex opposite to the side $\overline{FD}$



(i) $\overline{FG}$ (ii) H (iii) E (iv) D

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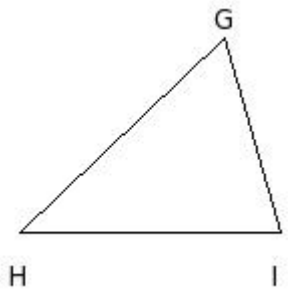
6. The vertex opposite to the side $\overline{GH}$



(i) H (ii) $\overline{IJ}$ (iii) I (iv) G

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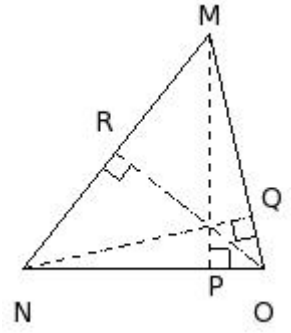
7. The altitude corresponding to the side $\overline{NO}$



(i) $\overline{MQ}$ (ii) $\overline{MP}$ (iii) $\overline{MN}$ (iv) $\overline{OR}$ (v) $\overline{NQ}$

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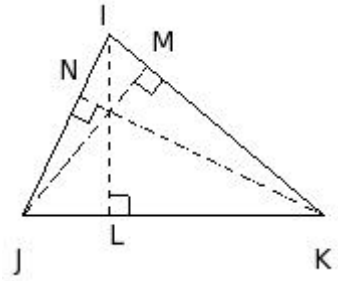
8. The altitude corresponding to the side $\overline{KI}$



(i) $\overline{IM}$ (ii) $\overline{KN}$ (iii) $\overline{IJ}$ (iv) $\overline{IL}$ (v) $\overline{JM}$

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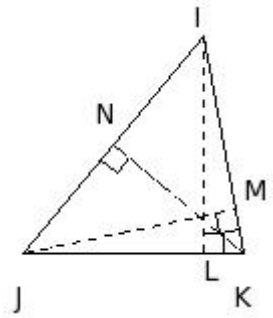
9. The altitude corresponding to the side $\overline{IJ}$



(i) $\overline{IJ}$ (ii) $\overline{JM}$ (iii) $\overline{KN}$ (iv) $\overline{IL}$ (v) $\overline{IM}$

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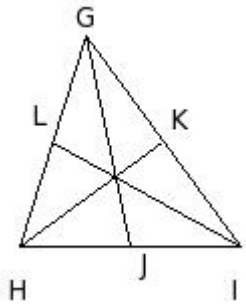
10. The median corresponding to the side $\overline{HI}$



(i) $\overline{GH}$ (ii) $\overline{IL}$ (iii) $\overline{GK}$ (iv) $\overline{HK}$ (v) $\overline{GJ}$

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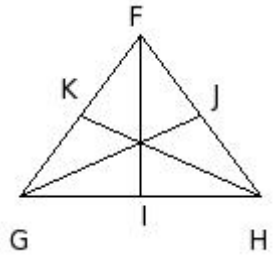
11. The median corresponding to the side $\overline{HF}$



(i) $\overline{FJ}$ (ii) $\overline{FG}$ (iii) $\overline{GJ}$ (iv) $\overline{HK}$ (v) $\overline{FI}$

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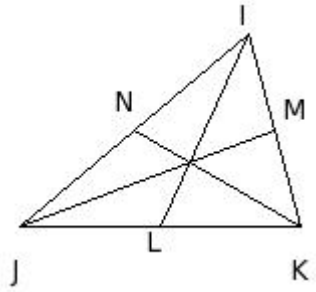
12. The median corresponding to the side $\overline{IJ}$



(i) $\overline{IM}$ (ii) $\overline{IL}$ (iii) $\overline{JM}$ (iv) $\overline{KN}$ (v) $\overline{IJ}$

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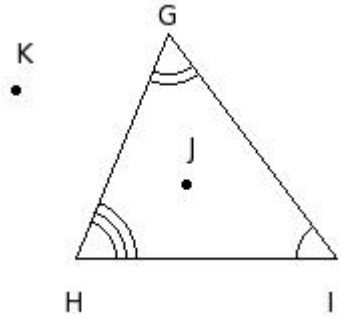
13. The sides of the triangle are



(i) $\overline{HJ}, \overline{JG}, \overline{GH}$ (ii) $\overline{IK}, \overline{KH}, \overline{HI}$ (iii) $\overline{HI}, \overline{IG}, \overline{GH}$

(iv) $\overline{JK}, \overline{KI}, \overline{IJ}$ (v) $\overline{IJ}, \overline{JH}, \overline{HI}$

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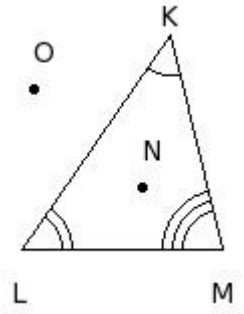
14. The name of the triangle is



(i) △MNO (ii) △KLN (iii) △KLM (iv) △LMN (v) △LMO

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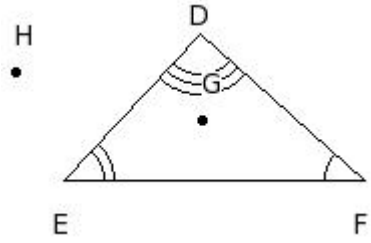
15. The angles of the triangle are



(i) ∠F , ∠G , ∠H (ii) ∠E , ∠F , ∠G (iii) ∠D , ∠E , ∠G

(iv) ∠D , ∠E , ∠F (v) ∠E , ∠F , ∠H

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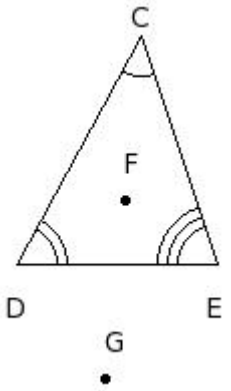
16. The vertices of the triangle are



(i) D , E , F (ii) D , E , G (iii) C , D , E (iv) E , F , G (v) C , D , F

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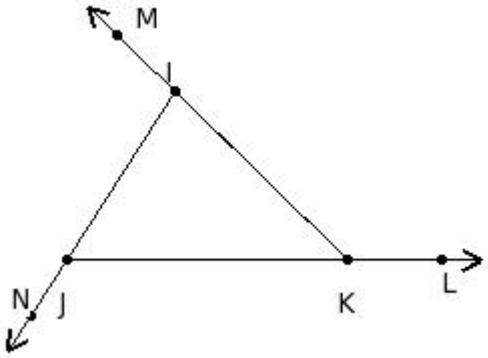
17. The exterior angles of the triangle are



(i) ∠LMJ , ∠MJK , ∠NKM

(ii) ∠LKI , ∠MIJ , ∠NJK

(iii) ∠NMK , ∠OKL , ∠PLM

(iv) ∠KLI , ∠LIJ , ∠MJL

(v) ∠MLJ , ∠NJK , ∠OKL

Assignment Key

1) (iv)
2) (iii)
3) (v)
4) (i)
5) (iii)
6) (iii)
7) (ii)
8) (v)
9) (iii)
10) (v)
11) (iii)
12) (iv)
13) (iii)
14) (iii)
15) (iv)
16) (iii)
17) (ii)