EduSahara™ Assignment

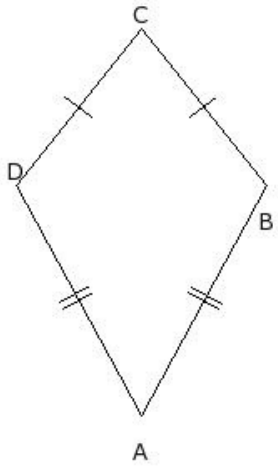
Name : Kite Properties

Chapter : Quadrilaterals

Grade : SSC Grade VII

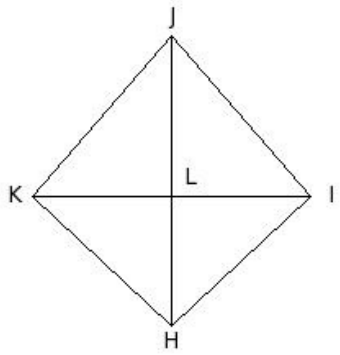
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1. Identify the figure below



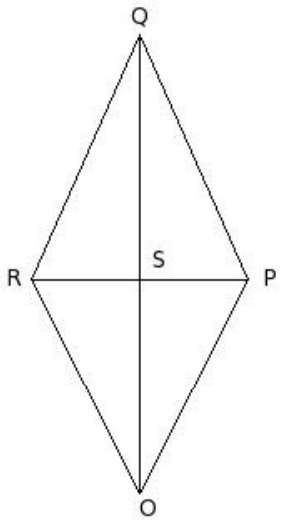
(i) trapezium (ii) angle (iii) parallelogram (iv) kite (v) square

2. In kite HIJK, $\overline{HJ}$ and $\overline{IK}$ are diagonals. Then HI =



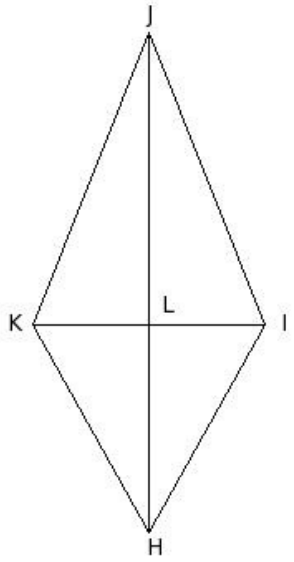
(i) IJ (ii) IK (iii) JK (iv) HJ (v) KH

3. In kite OPQR, $\overline{OQ}$ and $\overline{PR}$ are diagonals. Then PQ =



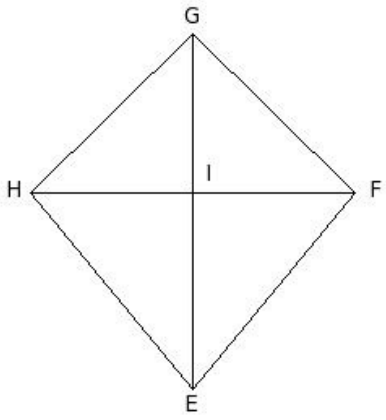
(i) OQ (ii) RO (iii) QR (iv) OP (v) PR

4. In kite HIJK, $\overline{HJ}$ and $\overline{IK}$ are diagonals. Then $\angle HIJ =$



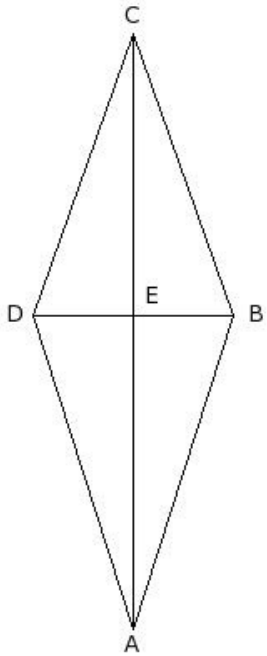
(i) $\angle JKH$ (ii) $\angle HLK$ (iii) $\angle JKI$ (iv) $\angle HLI$ (v) $\angle HKI$

5. In kite EFGH, $\overline{EG}$ and $\overline{FH}$ are diagonals. Then $\angle EIF =$



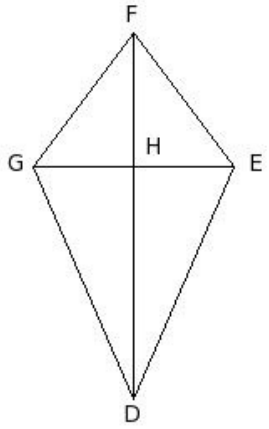
(i) $\angle GHF$ (ii) $\angle EIH$ (iii) $\angle GHE$ (iv) $\angle EFG$ (v) $\angle EHF$

6. In kite ABCD, $\overline{AC}$ and $\overline{BD}$ are diagonals. Then $\triangle CBA \cong$



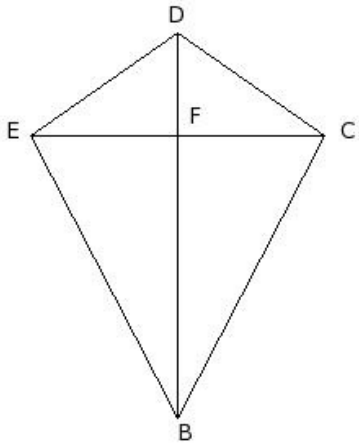
(i) $\triangle EDA$ (ii) $\triangle DBC$ (iii) $\triangle CDA$ (iv) $\triangle DBA$ (v) $\triangle ECB$

7. In kite DEFG, $\overline{DF}$ and $\overline{EG}$ are diagonals. Then $\triangle HFE \cong$



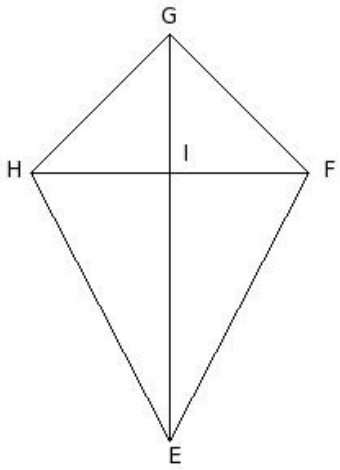
(i) $\triangle GEF$ (ii) $\triangle GED$ (iii) $\triangle HGD$ (iv) $\triangle HED$ (v) $\triangle HFG$

8. In kite BCDE, $\overline{BD}$ and $\overline{CE}$ are diagonals. Then $\angle CBF =$



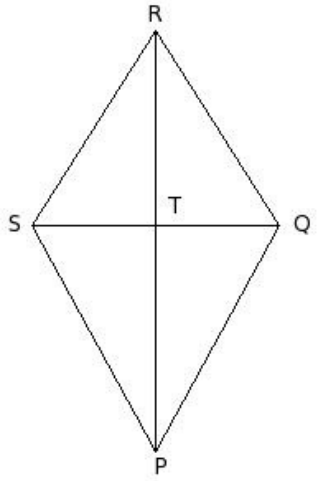
(i) $\angle FDE$ (ii) $\angle EBF$ (iii) $\angle BFE$ (iv) $\angle EFD$ (v) $\angle FDC$

9. In kite EFGH, $\overline{EG}$ and $\overline{FH}$ are diagonals. Then $\angle IGF =$



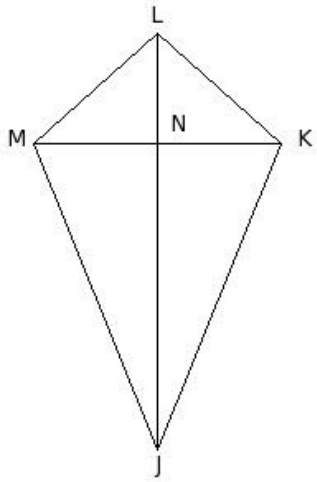
(i) $\angle EIH$ (ii) $\angle HEI$ (iii) $\angle HIG$ (iv) $\angle FEI$ (v) $\angle IGH$

10. In kite PQRS, $\overline{PR}$ and $\overline{QS}$ are diagonals. Then SP =



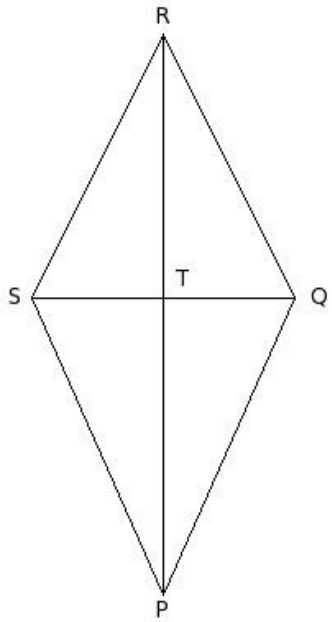
(i) QR (ii) QS (iii) RS (iv) PQ (v) PR

11. In kite JKLM, $\overline{JL}$ and $\overline{KM}$ are diagonals. Then LM =



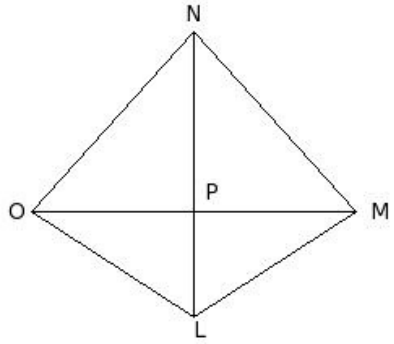
(i) JL (ii) MJ (iii) JK (iv) KL (v) KM

12. In kite PQRS, $\overline{PR}$ and $\overline{QS}$ are diagonals. Then ∠RSP =



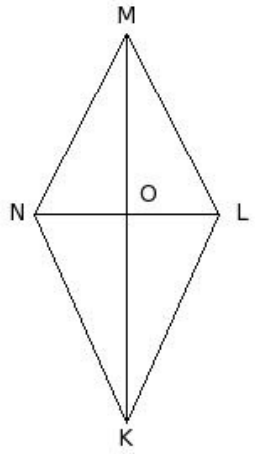
(i) ∠RSQ (ii) ∠PSQ (iii) ∠PTQ (iv) ∠PQR (v) ∠PTS

13. In kite LMNO, $\overline{LN}$ and $\overline{MO}$ are diagonals. Then $\angle LPO =$



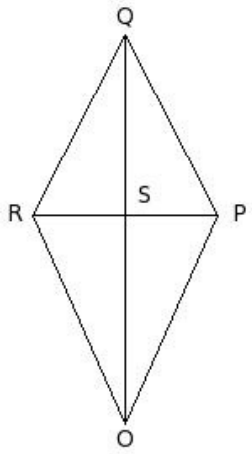
(i) $\angle NOM$ (ii) $\angle LOM$ (iii) $\angle NOL$ (iv) $\angle LMN$ (v) $\angle LPM$

14. In kite KLMN, $\overline{KM}$ and $\overline{LN}$ are diagonals. Then $\triangle MNK \cong$



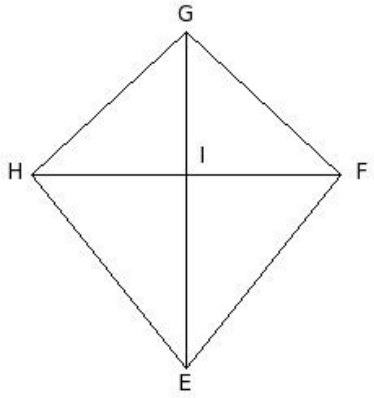
(i) $\triangle OML$ (ii) $\triangle ONK$ (iii) $\triangle NLK$ (iv) $\triangle NLM$ (v) $\triangle MLK$

15. In kite OPQR, $\overline{OQ}$ and $\overline{PR}$ are diagonals. Then $\triangle SRO \cong$



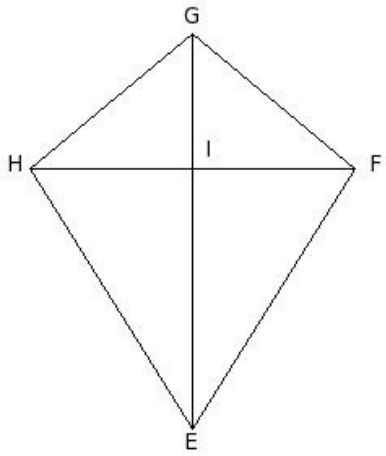
(i) $\triangle SQP$ (ii) $\triangle RPQ$ (iii) $\triangle RPO$ (iv) $\triangle SQR$ (v) $\triangle SPO$

16. In kite EFGH, $\overline{EG}$ and $\overline{FH}$ are diagonals. Then $\triangle IFE \cong$



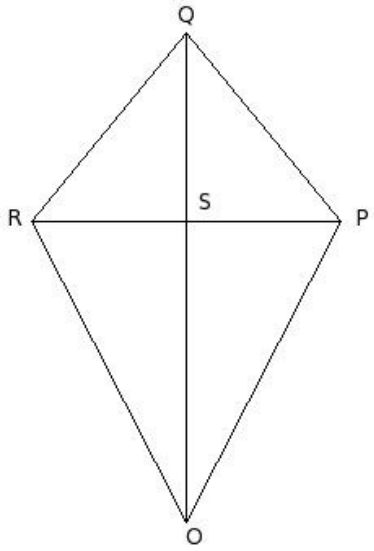
(i) $\triangle IGF$ (ii) $\triangle HFG$ (iii) $\triangle IGH$ (iv) $\triangle IHE$ (v) $\triangle HFE$

17. In kite EFGH, $\overline{EG}$ and $\overline{FH}$ are diagonals. Then $\triangle IGH \cong$



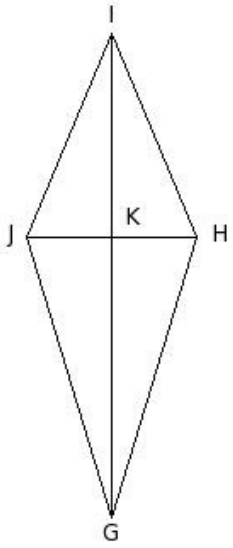
(i) $\triangle IHE$ (ii) $\triangle HFG$ (iii) $\triangle IGF$ (iv) $\triangle IFE$ (v) $\triangle HFE$

18. In kite OPQR, $\overline{OQ}$ and $\overline{PR}$ are diagonals. Then $\angle ROS =$



(i) $\angle SQR$ (ii) $\angle RSQ$ (iii) $\angle POS$ (iv) $\angle OSR$ (v) $\angle SQP$

19. In kite GHIJ, $\overline{GI}$ and $\overline{HJ}$ are diagonals. Then $\angle KIJ =$



(i) $\angle JGK$ (ii) $\angle GKJ$ (iii) $\angle HGK$ (iv) $\angle JKI$ (v) $\angle KIH$

Assignment Key

1) (iv)	2) (v)	3) (iii)	4) (i)	5) (ii)	6) (iii)
7) (v)	8) (ii)	9) (v)	10) (iv)	11) (iv)	12) (iv)
13) (v)	14) (v)	15) (v)	16) (iv)	17) (iii)	18) (iii)
19) (v)					

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