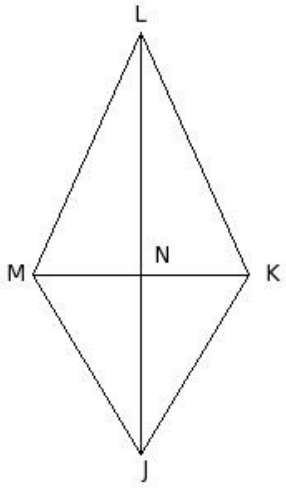
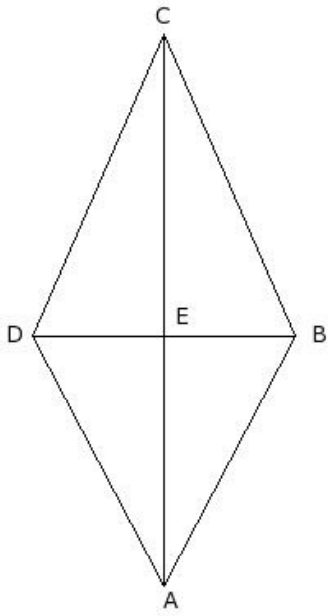
1. In kite $JKLM$, $\overline{JL}$ and $\overline{KM}$ are diagonals. Then $JK =$



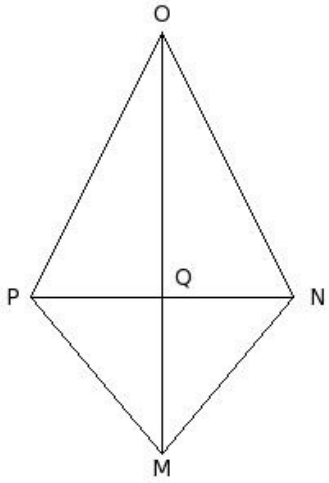
(i) KM (ii) JL (iii) MJ (iv) LM (v) KL

2. In kite $ABCD$, $\overline{AC}$ and $\overline{BD}$ are diagonals. Then $DA =$



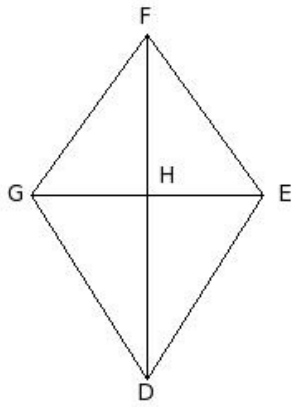
(i) BC (ii) BD (iii) AC (iv) CD (v) AB

3. In kite MNOP, $\overline{MO}$ and $\overline{NP}$ are diagonals. Then NO =



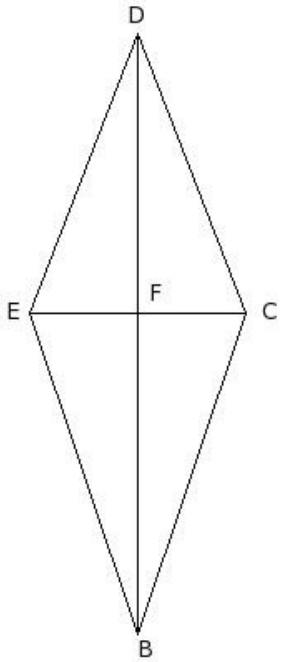
(i) NP (ii) OP (iii) PM (iv) MO (v) MN

4. In kite DEFG, $\overline{DF}$ and $\overline{EG}$ are diagonals. Then FG =



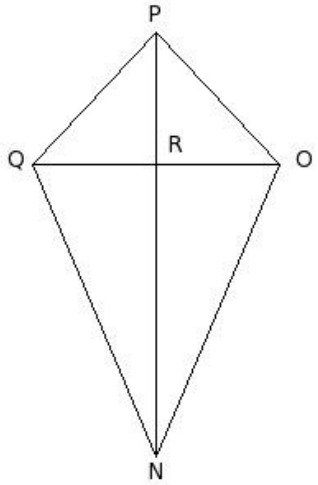
(i) EG (ii) GD (iii) DF (iv) DE (v) EF

5. In kite BCDE, $\overline{BD}$ and $\overline{CE}$ are diagonals. Then ∠BCD =



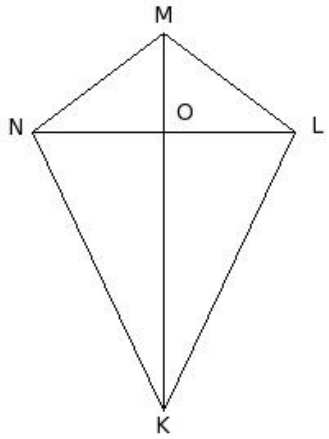
(i) ∠BFC (ii) ∠BFE (iii) ∠DEC (iv) ∠DEB (v) ∠BEC

6. In kite NOPQ, $\overline{NP}$ and $\overline{OQ}$ are diagonals. Then ∠PQN =



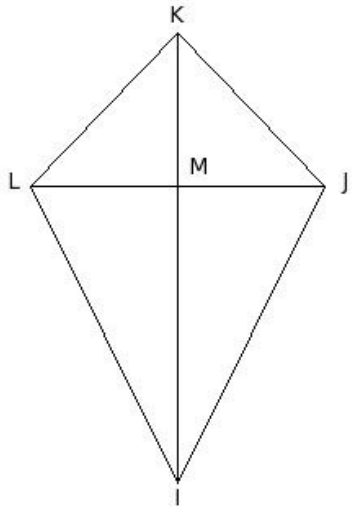
(i) ∠NQO (ii) ∠NOP (iii) ∠PQO (iv) ∠NRQ (v) ∠NRO

7. In kite KLMN, $\overline{KM}$ and $\overline{LN}$ are diagonals. Then ∠KON =



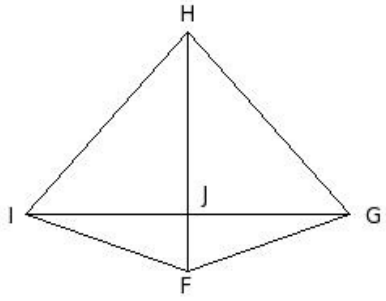
(i) ∠KLM (ii) ∠KOL (iii) ∠KNL (iv) ∠MNK (v) ∠MNL

8. In kite IJKL, $\overline{IK}$ and $\overline{JL}$ are diagonals. Then ∠IMJ =



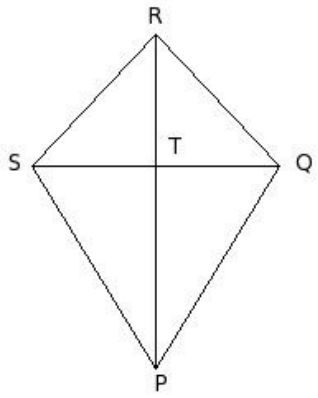
(i) ∠IML (ii) ∠ILJ (iii) ∠KLJ (iv) ∠KLI (v) ∠IJK

9. In kite FGHI, $\overline{FH}$ and $\overline{GI}$ are diagonals. Then $\triangle HIF \cong$



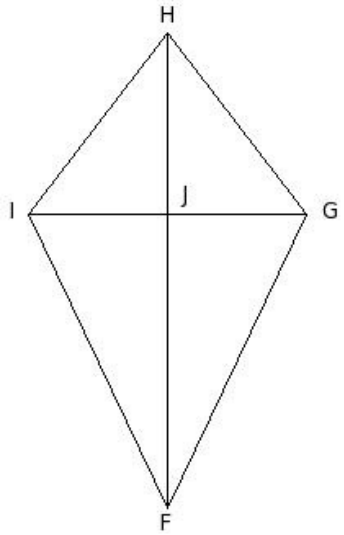
(i) $\triangle JIF$ (ii) $\triangle HGF$ (iii) $\triangle JHG$ (iv) $\triangle IGF$ (v) $\triangle IGH$

10. In kite PQRS, $\overline{PR}$ and $\overline{QS}$ are diagonals. Then $\triangle RQP \cong$



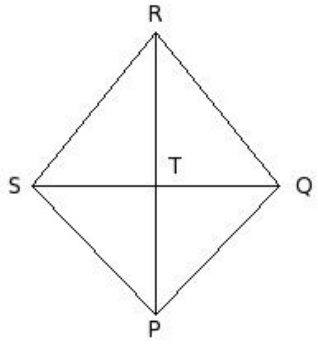
(i) $\triangle SQP$ (ii) $\triangle SQR$ (iii) $\triangle RSP$ (iv) $\triangle TRQ$ (v) $\triangle TSP$

11. In kite FGHI, $\overline{FH}$ and $\overline{GI}$ are diagonals. Then $\triangle JIF \cong$



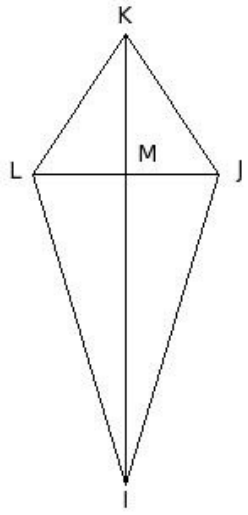
(i) $\triangle JHI$ (ii) $\triangle JGF$ (iii) $\triangle IGH$ (iv) $\triangle IGF$ (v) $\triangle JHG$

12. In kite PQRS, $\overline{PR}$ and $\overline{QS}$ are diagonals. Then $\triangle TQP \cong$



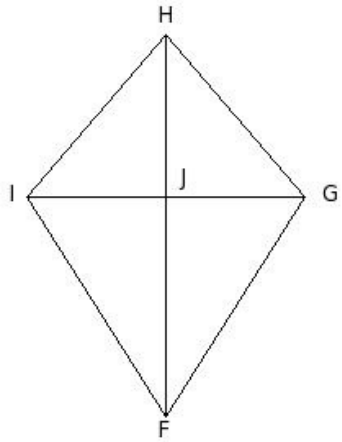
(i) $\triangle TRQ$ (ii) $\triangle SQR$ (iii) $\triangle TRS$ (iv) $\triangle SQP$ (v) $\triangle TSP$

13. In kite IJKL, $\overline{IK}$ and $\overline{JL}$ are diagonals. Then $\triangle MKL \cong$



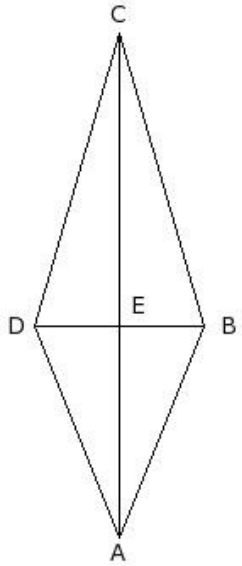
(i) $\triangle MLI$ (ii) $\triangle MKJ$ (iii) $\triangle MJI$ (iv) $\triangle LJK$ (v) $\triangle LJI$

14. In kite FGHI, $\overline{FH}$ and $\overline{GI}$ are diagonals. Then $\triangle JHG \cong$



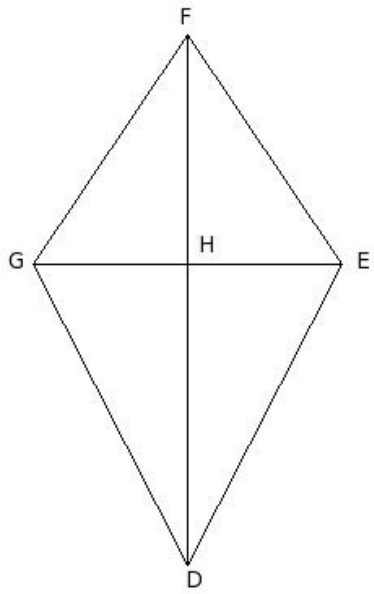
(i) $\triangle JGF$ (ii) $\triangle IGF$ (iii) $\triangle JHI$ (iv) $\triangle IGH$ (v) $\triangle JIF$

15. In kite ABCD, $\overline{AC}$ and $\overline{BD}$ are diagonals. Then $\angle DAE =$



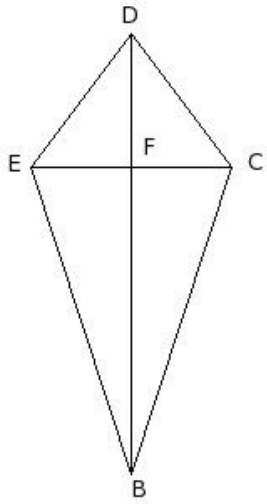
(i) $\angle AED$ (ii) $\angle DEC$ (iii) $\angle ECB$ (iv) $\angle ECD$ (v) $\angle BAE$

16. In kite DEFG, $\overline{DF}$ and $\overline{EG}$ are diagonals. Then $\angle EDH =$



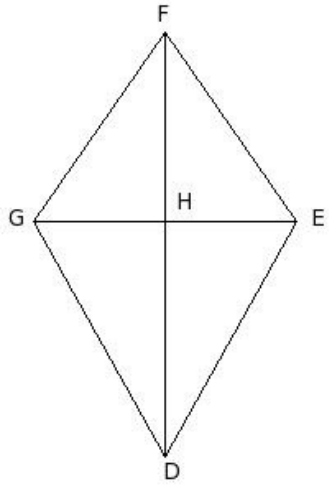
(i) $\angle HFG$ (ii) $\angle GHF$ (iii) $\angle HFE$ (iv) $\angle DHG$ (v) $\angle GDH$

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



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

18. In kite DEFG, $\overline{DF}$ and $\overline{EG}$ are diagonals. Then $\angle HFE =$



(i) $\angle GHF$ (ii) $\angle EDH$ (iii) $\angle HFG$ (iv) $\angle GDH$ (v) $\angle DHG$

Assignment Key

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