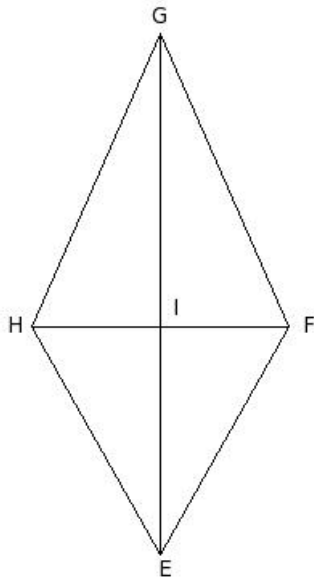


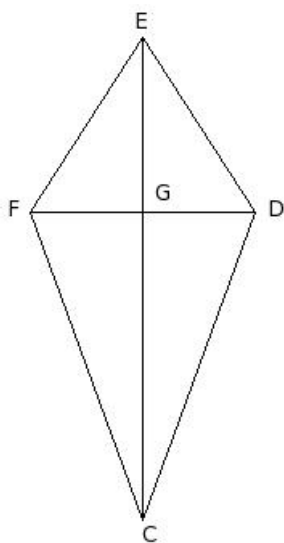
EduSahara™ Learning Center Assignment**Grade : Class VII, ICSE****Chapter : Quadrilaterals****Name : Kite Properties Using Diagrams****Licensed To : Teachers and Students for non-commercial use**

1. In kite EFGH, $\overline{EG}$ and $\overline{FH}$ are diagonals. Then EF =



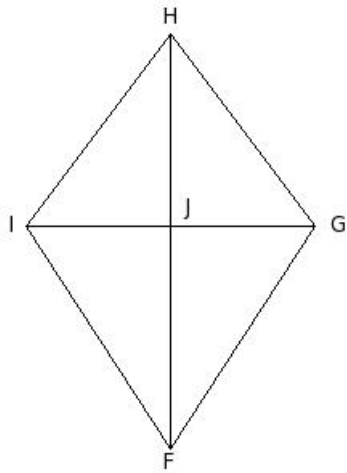
- (i) HE (ii) GH (iii) FH (iv) EG (v) FG
-

2. In kite CDEF, $\overline{CE}$ and $\overline{DF}$ are diagonals. Then FC =



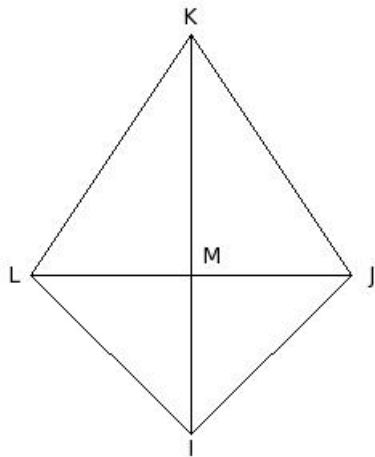
- (i) CD (ii) CE (iii) DE (iv) EF (v) DF
-

3. In kite $FGHI$, $\overline{FH}$ and $\overline{GI}$ are diagonals. Then $GH =$



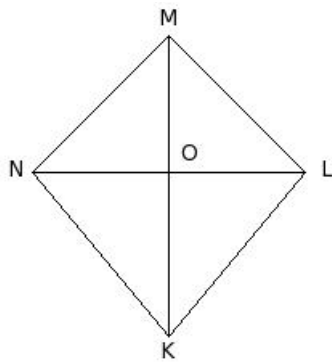
- (i) FH (ii) HI (iii) GI (iv) IF (v) FG
-

4. In kite $IJKL$, $\overline{IK}$ and $\overline{JL}$ are diagonals. Then $KL =$



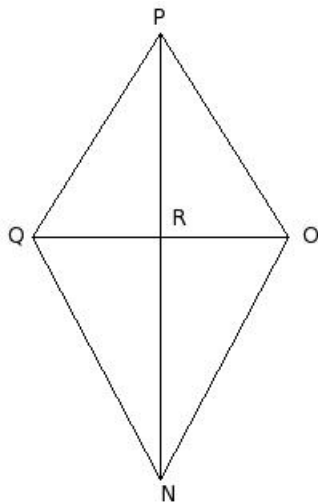
- (i) JL (ii) IK (iii) LI (iv) IJ (v) JK
-

5. In kite $KLMN$, $\overline{KM}$ and $\overline{LN}$ are diagonals. Then $\angle KLM =$



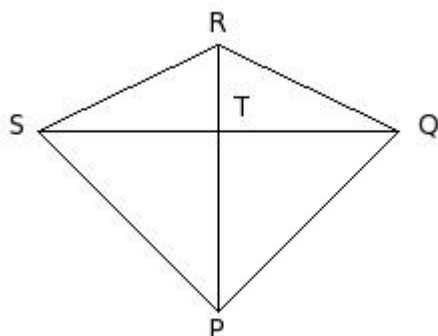
- (i) $\angle KNL$ (ii) $\angle KOL$ (iii) $\angle KON$ (iv) $\angle MNL$ (v) $\angle MNK$
-

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



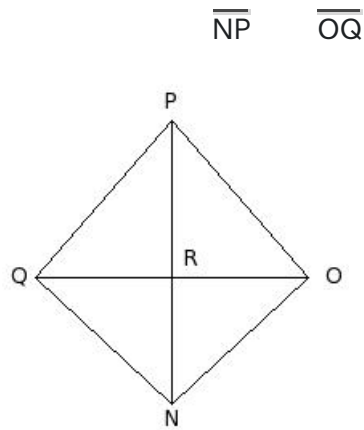
- (i) $\angle NRQ$ (ii) $\angle PQO$ (iii) $\angle NQO$ (iv) $\angle NOP$ (v) $\angle NRO$
-

7. In kite PQRS, $\overline{PR}$ and $\overline{QS}$ are diagonals. Then $\angle PTS =$



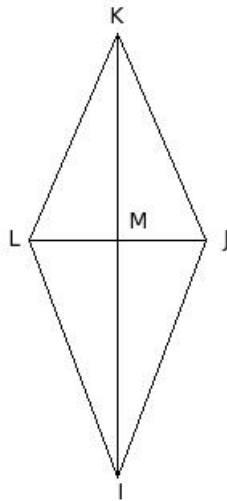
- (i) $\angle PTQ$ (ii) $\angle RSQ$ (iii) $\angle PSQ$ (iv) $\angle RSP$ (v) $\angle PQR$
-

8. In kite NOPQ, _____ and _____ are diagonals. Then $\angle NRO =$



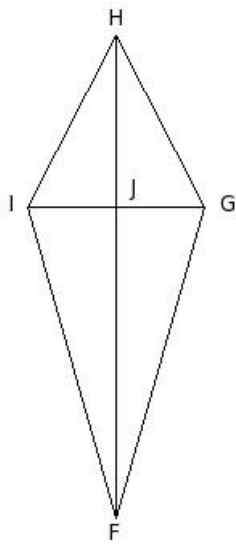
- (i) $\angle NRQ$ (ii) $\angle PQO$ (iii) $\angle PQN$ (iv) $\angle NOP$ (v) $\angle NQO$
-

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



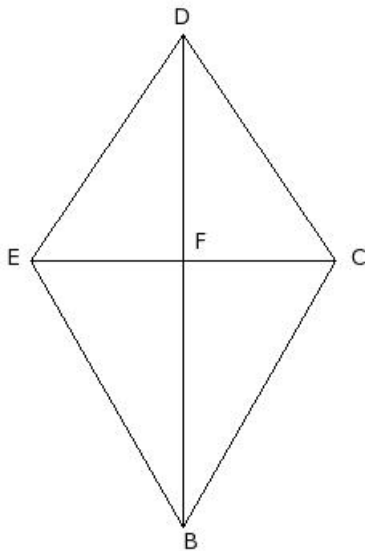
- (i) $\triangle MKJ$ (ii) $\triangle LJI$ (iii) $\triangle LJK$ (iv) $\triangle KJI$ (v) $\triangle MLI$
-

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



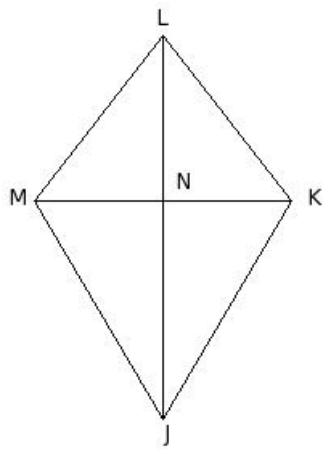
- (i) $\triangle JHG$ (ii) $\triangle IGH$ (iii) $\triangle JIF$ (iv) $\triangle IGF$ (v) $\triangle HIF$
-

11. In kite BCDE, $\overline{BD}$ and $\overline{CE}$ are diagonals. Then $\triangle FEB \cong$



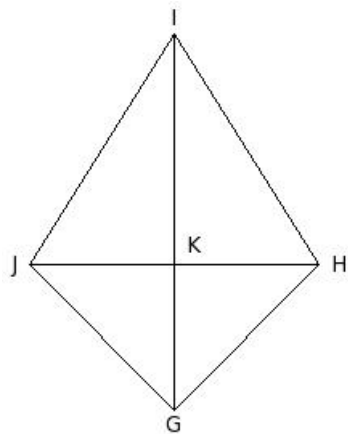
- (i) $\triangle ECD$ (ii) $\triangle ECB$ (iii) $\triangle FDE$ (iv) $\triangle FDC$ (v) $\triangle FCB$
-

12. In kite JKLM, $\overline{JL}$ and $\overline{KM}$ are diagonals. Then $\triangle NKJ \cong$



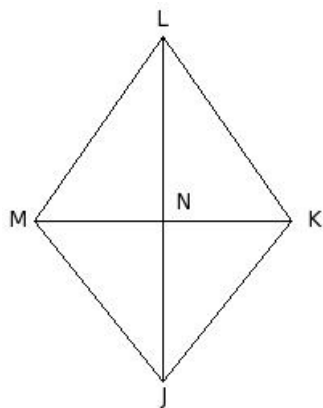
- (i) $\triangle NMJ$ (ii) $\triangle MKJ$ (iii) $\triangle NLM$ (iv) $\triangle MKL$ (v) $\triangle NLK$
-

13. In kite $GHIJ$, $\overline{GI}$ and $\overline{HJ}$ are diagonals. Then $\triangle KIJ \cong$



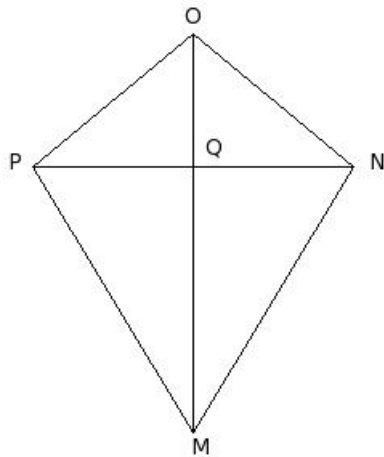
- (i) $\triangle JHI$ (ii) $\triangle KJG$ (iii) $\triangle JHG$ (iv) $\triangle KIH$ (v) $\triangle KHG$
-

14. In kite $JKLM$, $\overline{JL}$ and $\overline{KM}$ are diagonals. Then $\triangle NLK \cong$



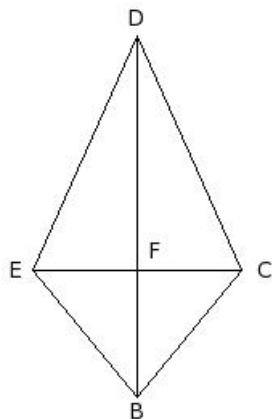
- (i) $\triangle NLM$ (ii) $\triangle MKJ$ (iii) $\triangle NMJ$ (iv) $\triangle NKJ$ (v) $\triangle MKL$
-

15. In kite $MNOP$, $\overline{MO}$ and $\overline{NP}$ are diagonals. Then $\angle PMQ =$



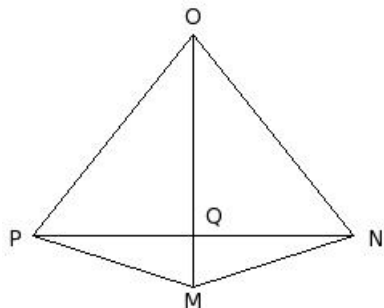
- (i) $\angle MQP$ (ii) $\angle PQO$ (iii) $\angle NMQ$ (iv) $\angle QOP$ (v) $\angle QON$
-

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



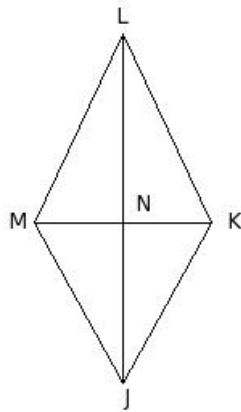
- (i) $\angle EFD$ (ii) $\angle EBF$ (iii) $\angle BFE$ (iv) $\angle FDC$ (v) $\angle FDE$
-

17. In kite $MNOP$, $\overline{MO}$ and $\overline{NP}$ are diagonals. Then $\angle QOP =$



- (i) $\angle NMQ$ (ii) $\angle PMQ$ (iii) $\angle PQO$ (iv) $\angle MQP$ (v) $\angle QON$
-

18. In kite JKLM, $\overline{JL}$ and $\overline{KM}$ are diagonals. Then $\angle NLK =$



- (i) $\angle NLM$ (ii) $\angle KJN$ (iii) $\angle MJN$ (iv) $\angle MNL$ (v) $\angle JNM$
-

Assignment Key

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