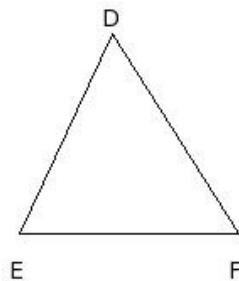


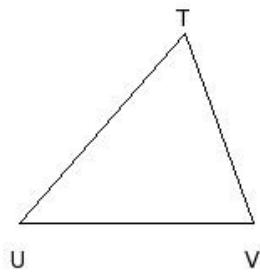


1. Identify the figure below



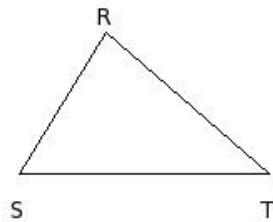
- (i) decagon (ii) quadrilateral (iii) triangle (iv) nonagon (v) heptagon

2. The side opposite to the vertex T



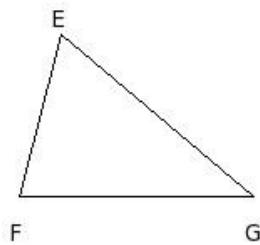
- (i)  $\overline{VT}$  (ii)  $\overline{TU}$  (iii)  $\overline{TX}$  (iv)  $\overline{UV}$  (v)  $\overline{WU}$

3. The side opposite to the vertex S



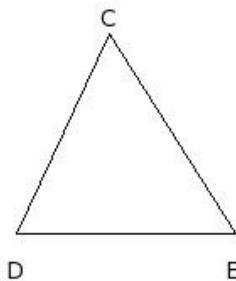
- (i)  $\overline{RV}$  (ii)  $\overline{RS}$  (iii)  $\overline{ST}$  (iv)  $\overline{US}$  (v)  $\overline{TR}$

4. The side opposite to the vertex G



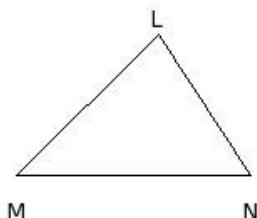
- (i)  $\overline{GE}$  (ii)  $\overline{EF}$  (iii)  $\overline{FG}$  (iv)  $\overline{HF}$  (v)  $\overline{EI}$

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



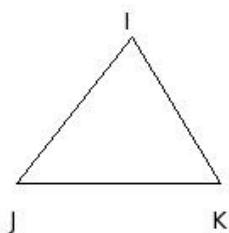
- (i) D (ii) C (iii) G (iv)  $\overline{EF}$

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



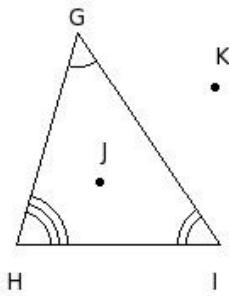
- (i) L (ii) P (iii) M (iv)  $\overline{NO}$

7. The vertex opposite to the side  $\overline{IJ}$



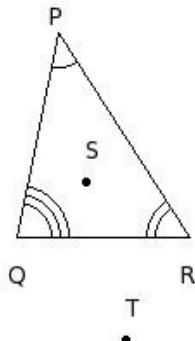
- (i) K (ii)  $\overline{KL}$  (iii) I (iv) J

8. The sides of the triangle are



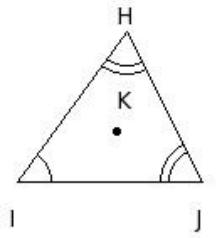
- (i)  $\overline{IK}, \overline{KH}, \overline{HI}$  (ii)  $\overline{JK}, \overline{KI}, \overline{IJ}$  (iii)  $\overline{HI}, \overline{IG}, \overline{GH}$  (iv)  $\overline{IJ}, \overline{JH}, \overline{HI}$  (v)  $\overline{HJ}, \overline{JG}, \overline{GH}$

9. The name of the triangle is



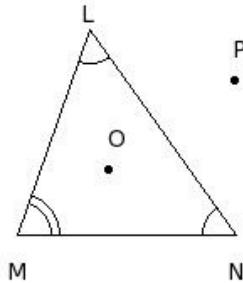
- (i)  $\triangle PQR$  (ii)  $\triangle QRT$  (iii)  $\triangle RST$  (iv)  $\triangle QRS$  (v)  $\triangle PQS$

10. The angles of the triangle are



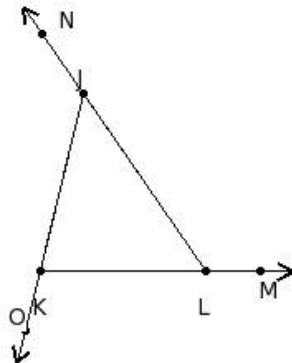
- (i)  $\angle H, \angle I, \angle K$  (ii)  $\angle H, \angle I, \angle J$  (iii)  $\angle J, \angle K, \angle L$  (iv)  $\angle I, \angle J, \angle L$  (v)  $\angle I, \angle J, \angle K$

11. The vertices of the triangle are



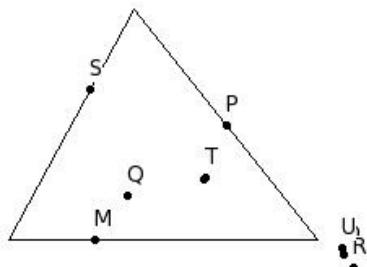
- (i)  $N, O, P$  (ii)  $L, M, O$  (iii)  $M, N, P$  (iv)  $M, N, O$  (v)  $L, M, N$

12. The exterior angles of the triangle are



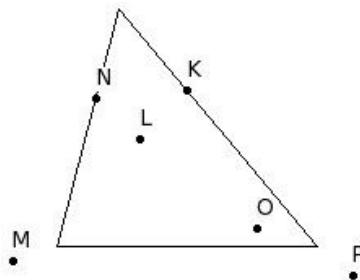
- (i)  $\angle MLJ, \angle NJK, \angle OKL$  (ii)  $\angle LMJ, \angle MJK, \angle NKM$  (iii)  $\angle ONL, \angle PLM, \angle QMN$  (iv)  $\angle NMK, \angle OKL, \angle PLM$  (v)  $\angle MNK, \angle NKL, \angle OLN$

13. Identify the points that are on the triangle



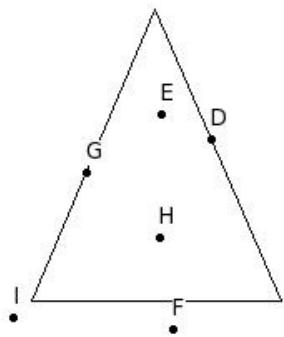
- (i)  $\{P, S, N\}$  (ii)  $\{M, P, S\}$  (iii)  $\{N, Q, T\}$  (iv)  $\{M, U, P\}$  (v)  $\{O, R, U\}$

14. Identify the points that are inside the triangle



- (i) {K,L} (ii) {M,P} (iii) {L,O} (iv) {M,L} (v) {K,N}

15. Identify the points that are outside the triangle



- (i) {G,I} (ii) {F,I} (iii) {I,E} (iv) {E,H} (v) {D,G}

## Assignment Key

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