EduSahara™ Assignment

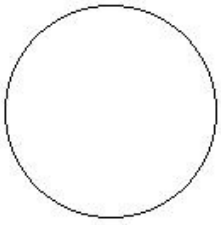
Name : Circles

Chapter : Basic Geometrical Ideas

Grade : CBSE Grade VI

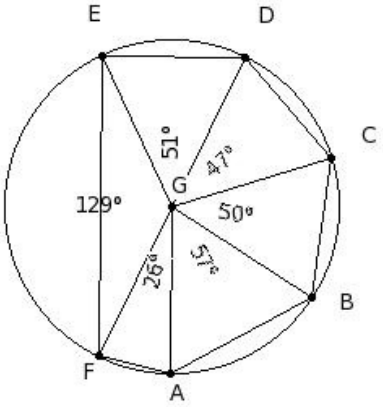
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1. Identify the figure below



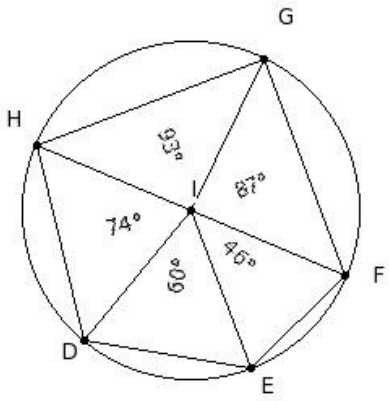
(i) circle (ii) nonagon (iii) decagon (iv) heptagon (v) angle

2. The centre of the circle is



(i) G (ii) B (iii) C (iv) A (v) D

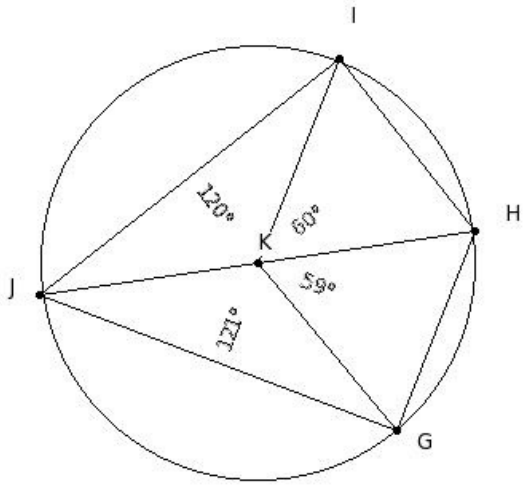
3. The chords of the circle are



(i) $\overline{ID}, \overline{IE}, \overline{IF}, \overline{IG}, \overline{IH}$ (ii) $\overline{DE}, \overline{EF}, \overline{FG}, \overline{GH}, \overline{HD}, \overline{IE}$ (iii) $\overline{EF}, \overline{FG}, \overline{GH}, \overline{HD}$ (iv) $\overline{DE}, \overline{EF}, \overline{FG}, \overline{GH}, \overline{HD}$

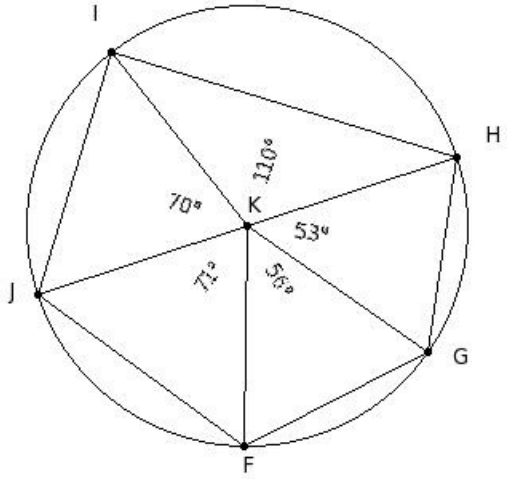
(v) $\overline{DE}, \overline{EF}, \overline{FG}, \overline{GH}, \overline{HD}, \overline{FH}$

4. The diameters of the circle are



(i) $\overline{HJ}$ (ii) $\overline{GH}, \overline{HI}, \overline{IJ}, \overline{JG}, \overline{HJ}$ (iii) $\overline{GH}, \overline{HI}, \overline{IJ}, \overline{JG}$ (iv) $\overline{KG}, \overline{KH}, \overline{KI}, \overline{KJ}, \overline{HJ}$ (v) $\overline{KG}, \overline{KH}, \overline{KI}, \overline{KJ}$

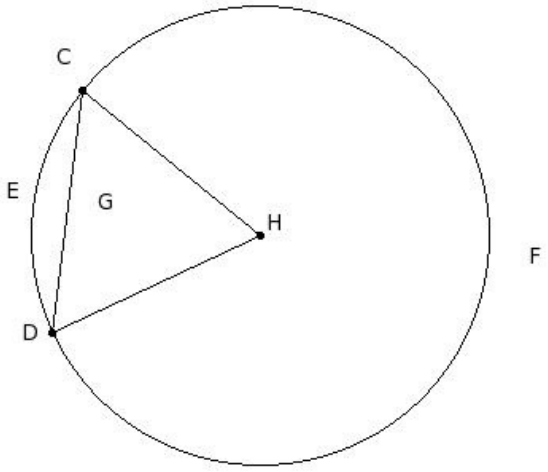
5. The radii of the circle are



(i) $\overline{FG}, \overline{GH}, \overline{HI}, \overline{IJ}, \overline{JF}, \overline{KI}$ (ii) $\overline{FG}, \overline{GH}, \overline{HI}, \overline{IJ}, \overline{JF}$ (iii) $\overline{GH}, \overline{HI}, \overline{IJ}, \overline{JF}$ (iv) $\overline{KF}, \overline{KG}, \overline{KH}, \overline{KI}, \overline{KJ}$

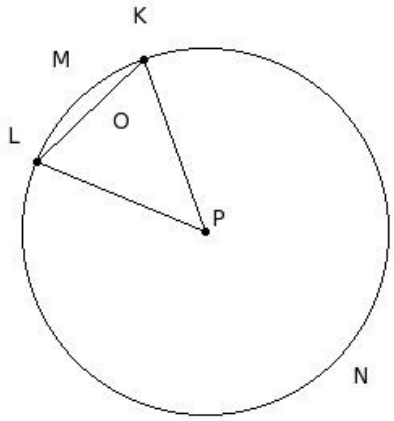
(v) $\overline{FG}, \overline{GH}, \overline{HI}, \overline{IJ}, \overline{JF}, \overline{HJ}$

6. The minor sector of the circle is



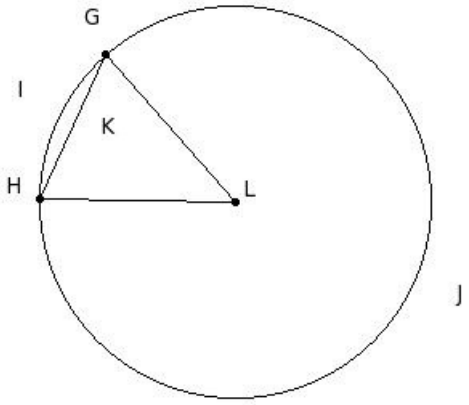
(i) CED (ii) CFD (iii) HCEDH (iv) HCFDH (v) CFDGC

7. The major sector of the circle is



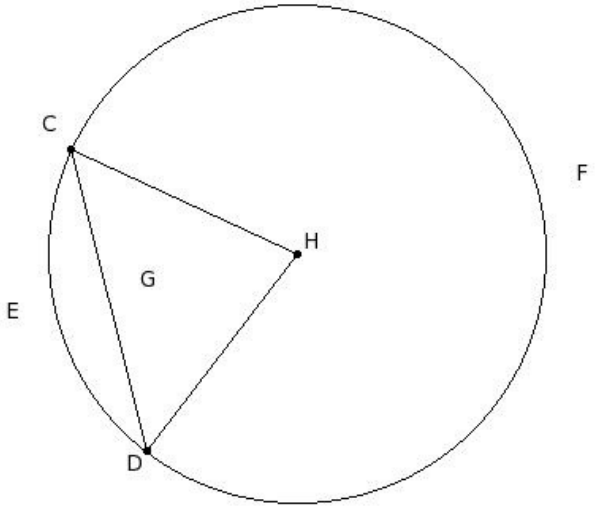
(i) PKMLP (ii) KNL (iii) PKNLP (iv) KNLOK (v) KML

8. The minor arc of the circle is



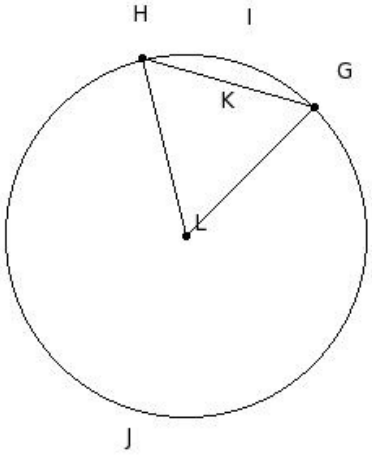
(i) GJH (ii) LGIHL (iii) GJHKG (iv) GIH (v) LGJHL

9. The major arc of the circle is



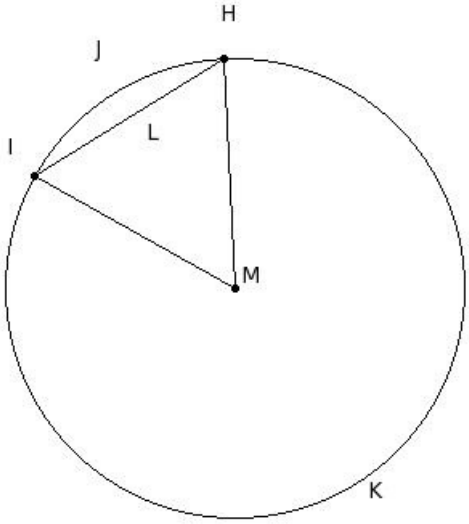
(i) CEDGC (ii) CFDGC (iii) HCFDH (iv) CED (v) CFD

10. The minor segment of the circle is



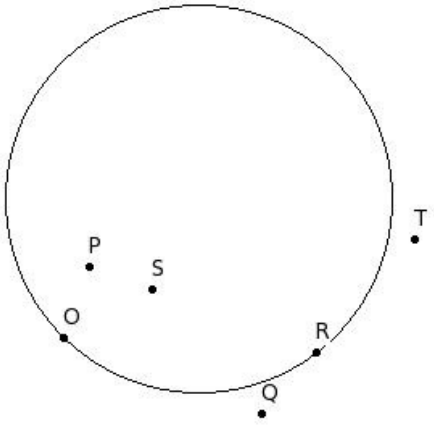
(i) GJHKG (ii) LGIHL (iii) GJH (iv) GIHKG (v) GIH

11. The major segment of the circle is



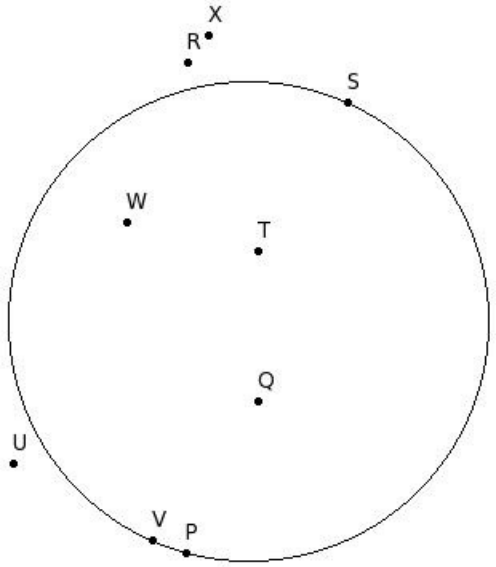
(i) MHKIM (ii) HJI (iii) HJILH (iv) MHJIM (v) HKILH

12. Find the points belonging to the circle



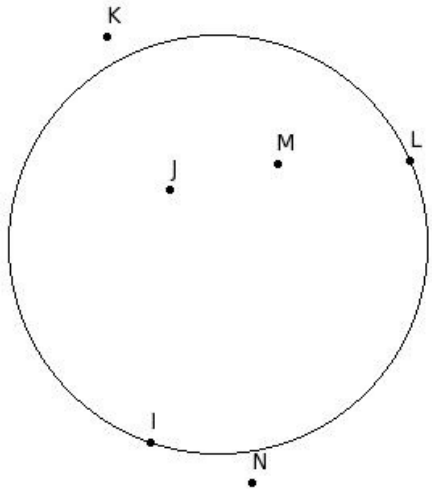
(i) {R,Q} (ii) {P,S} (iii) {Q,T} (iv) {O,S} (v) {O,R}

13. Find the points belonging to the inside of the circle



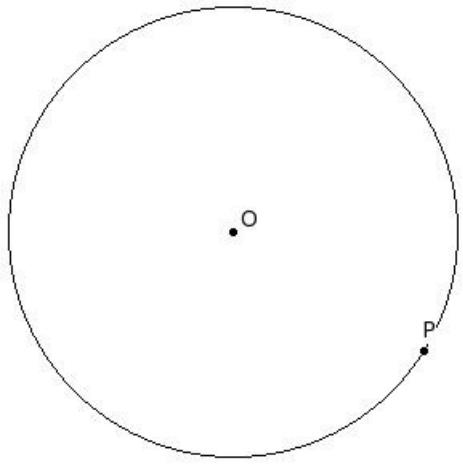
(i) {U,T,Q} (ii) {P,S,V} (iii) {R,U,X} (iv) {W,S,T} (v) {Q,T,W}

14. Find the points belonging to the outside of the circle



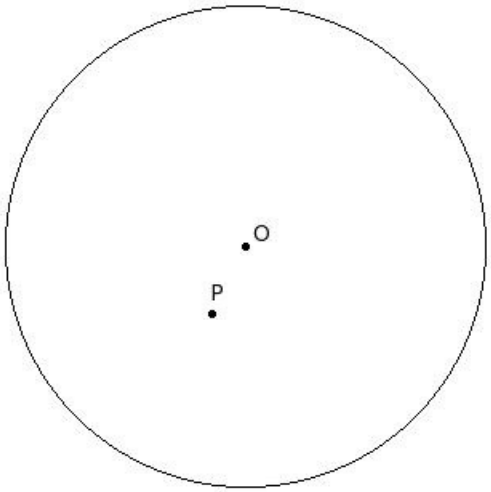
(i) {K,N} (ii) {K,I} (iii) {J,M} (iv) {I,L} (v) {N,J}

15. 'O' is the centre of a circle of radius 'r' and 'P' is any point in its plane. If $\overline{OP}$ = r ,then P is



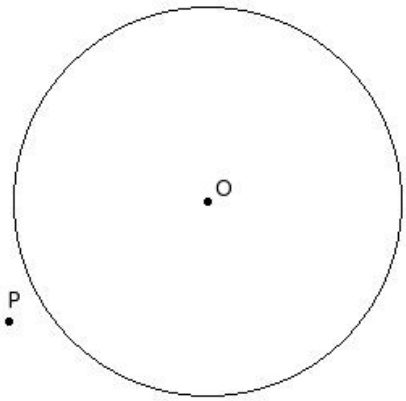
(i) inside the circle (ii) on the circle (iii) outside the circle

16. 'O' is the centre of a circle of radius 'r' and 'P' is any point in its plane. If $\overline{OP} < r$, then P is



(i) inside the circle (ii) on the circle (iii) outside the circle

17. 'O' is the centre of a circle of radius 'r' and 'P' is any point in its plane. If $\overline{OP} > r$, then P is



(i) on the circle (ii) inside the circle (iii) outside the circle

Assignment Key

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

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