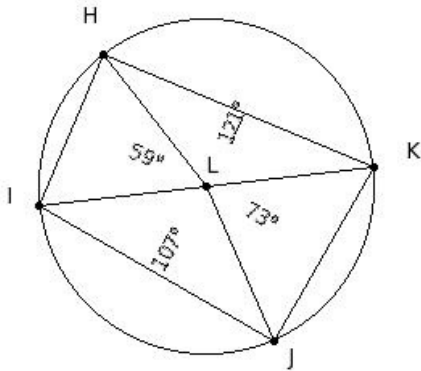


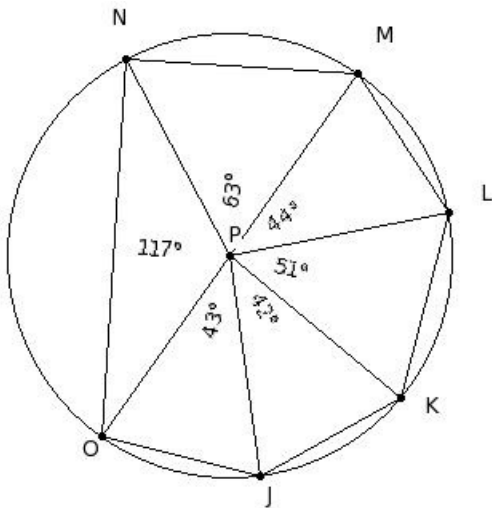


1. The chords of the circle are



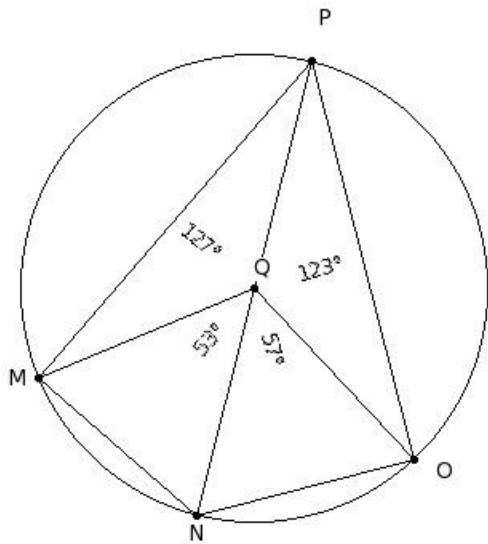
- (i)  $\overline{LH}, \overline{LI}, \overline{LJ}, \overline{LK}$  (ii)  $\overline{HI}, \overline{IJ}, \overline{JK}, \overline{KH}$  (iii)  $\overline{IJ}, \overline{JK}, \overline{KH}$  (iv)  $\overline{HI}, \overline{IJ}, \overline{JK}, \overline{KH}, \overline{LH}$  (v)  $\overline{HI}, \overline{IJ}, \overline{JK}, \overline{KH}, \overline{IK}$

2. The diameters of the circle are



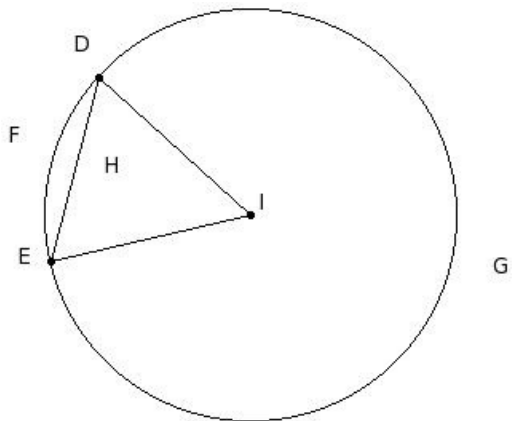
- (i)  $\overline{MO}$  (ii)  $\overline{JK}, \overline{KL}, \overline{LM}, \overline{MN}, \overline{NO}, \overline{OJ}, \overline{MO}$  (iii)  $\overline{PJ}, \overline{PK}, \overline{PL}, \overline{PM}, \overline{PN}, \overline{PO}$  (iv)  $\overline{PJ}, \overline{PK}, \overline{PL}, \overline{PM}, \overline{PN}, \overline{PO}, \overline{MO}$   
 (v)  $\overline{JK}, \overline{KL}, \overline{LM}, \overline{MN}, \overline{NO}, \overline{OJ}$

3. The radii of the circle are



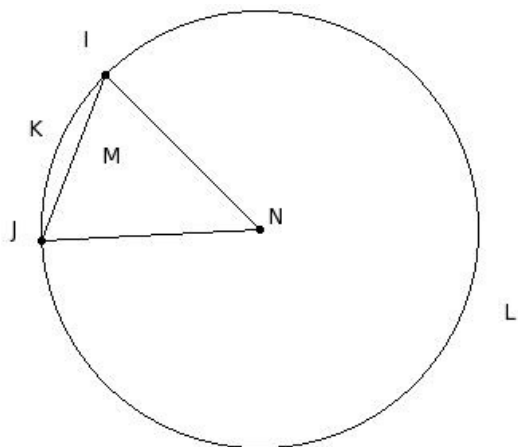
- (i)  $\overline{QM}, \overline{QN}, \overline{QO}, \overline{QP}$  (ii)  $\overline{MN}, \overline{NO}, \overline{OP}, \overline{PM}, \overline{QN}$  (iii)  $\overline{NO}, \overline{OP}, \overline{PM}$  (iv)  $\overline{MN}, \overline{NO}, \overline{OP}, \overline{PM}$   
 (v)  $\overline{MN}, \overline{NO}, \overline{OP}, \overline{PM}, \overline{NP}$

4. The minor sector of the circle is



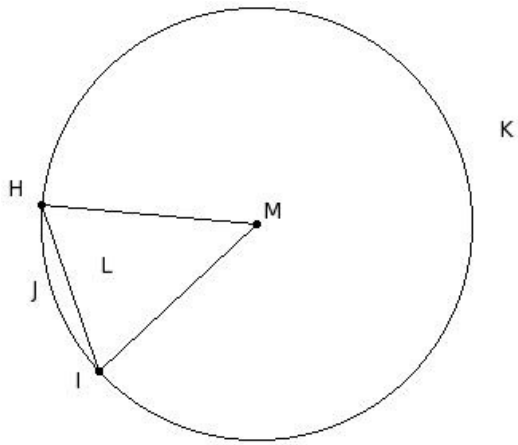
- (i) DFE (ii) DGEHD (iii) IDGEI (iv) DGE (v) IDFEI

5. The major sector of the circle is



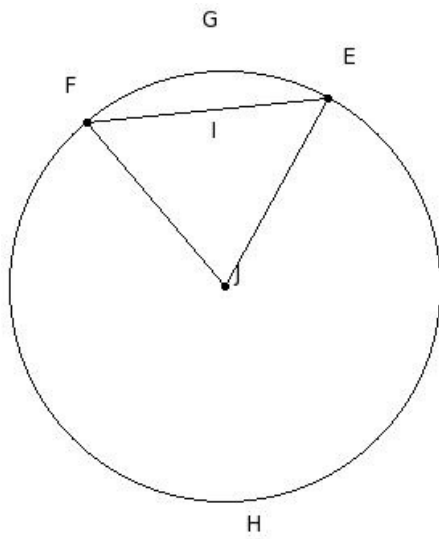
- (i) NILJN (ii) NIKJN (iii) ILJMI (iv) IKJ (v) ILJ

6. The minor arc of the circle is



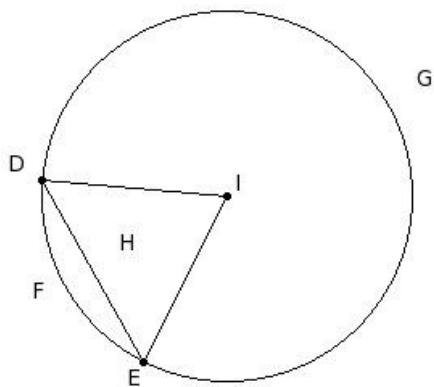
- (i) HKILH (ii) HJILH (iii) MHJIM (iv) HJI (v) HKI

7. The major arc of the circle is



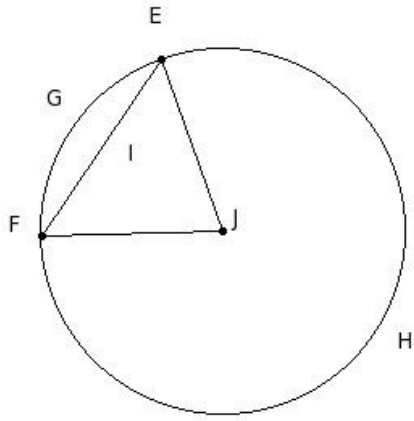
- (i) EHF (ii) JEHFJ (iii) EGF (iv) EGFIE (v) JEGFJ

8. The minor segment of the circle is



- (i) DGEHD (ii) DFEHD (iii) IDGEI (iv) DFE (v) IDFEI

9. The major segment of the circle is



- (i) EHFIE (ii) EGFIE (iii) EGF (iv) JEGFJ (v) JEHFJ

## Assignment Key

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1) (ii)

2) (i)

3) (i)

4) (v)

5) (i)

6) (iv)

7) (i)

8) (ii)

9) (i)