



Exercise 11A

Q1

Answer :

(i) The line segments are:

\overline{YX}

This is because it has two end points Y and X.

\overline{YZ}

This is because it has two end points Y and Z.

(ii)

\overline{AD}

This is because it has two end points A and D.

\overline{AB}

This is because it has two end points A and B.

\overline{AC}

This is because it has two end points A and C.

\overline{AE}

This is because it has two end points A and E.

\overline{DB}

This is because it has two end points B and D.

\overline{BC}

This is because it has two end points B and C.

\overline{CE}

This is because it has two end points C and E.

(iii)

\overline{PS}

This is because it has two end points P and S.

\overline{PQ}

This is because it has two end points P and Q.

\overline{QR}

This is because it has two end points Q and R.

\overline{RS}

This is because it has two end points R and S.

\overline{PR}

This is because it has two end points P and R.

\overline{QS}

This is because it has two end points Q and S.

Q2

Answer :

(i) Line segment is \overline{AB} . *This is because it has two end points A and B.*

Rays are:

\overrightarrow{AC}

This is because it has only one end point A.

\overrightarrow{BD}

This is because it has only one end point B.

(ii) Line segments are:

\overline{EP}

This is because it has two end points E and P.

\overline{EG}

This is because it has two end points E and G.

\overline{GP}

This is because it has two end points G and P.

Rays are:

\overrightarrow{EF}

This is because it has only one end point, i.e. E.

\overrightarrow{GH}

This is because it has only one end point, i.e. G.

\overrightarrow{PQ}

This is because it has only one end point, i.e. P.

(iii) Line segments are:

\overline{OL}

This is because it has two end points O and L.

\overline{OP}

This is because it has two end points O and P.

Rays are:

\overrightarrow{LM}

This is because it has only one end point, i.e. L.

\overrightarrow{PQ}

This is because it has only one end point, i.e. P.

Q3

Answer :

(i)

\overline{PR}

This is because it has two end points P and R.

\overline{QS}

This is because it has two end points Q and S.

\overline{PQ}

This is because it has two end points P and Q.

\overline{RS}

This is because it has two end points R and S.

(ii)

\overrightarrow{PA}

This is because it has only one end point, i.e. P.

\overrightarrow{RB}

This is because it has only one end point, i.e. R.

\overrightarrow{QC}

This is because it has only one end point, i.e. Q.

\overrightarrow{SD}

This is because it has only one end point, i.e. S.

***** END *****