(iv) There are 12 line segments. They are:

$\overline{AB}, \overline{AD}, \overline{AE}$

$\overline{BC}, \overline{BF}$

$\overline{CG}, \overline{CD}$

$\overline{HG}, \overline{HE}, \overline{DH}$

$\overline{EF}, \overline{GF}$

Q8

Answer :

(i) False

M is outside ray NQ.

(ii) True

L is placed between M and P.

(iii) True

Ray MQ is extended endlessly from M to Q and ray NQ is extended endlessly from N to Q.

(iv) True

(v) True

$\overrightarrow{LP}$ is extended endlessly from L to P.

$\overrightarrow{LQ}$ is extended endlessly from L to Q.

Q9
Answer :

(i) False

A point does not have any length, breadth or thickness.

(ii) False

A line segment has a definite length.

(iii) False

A ray has no definite length.

********** END *********