



#### Exercise 11A

(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 \*\*\*\*\*