



Linear Equations in Two Variables Ex 13.3 Q15

**Answer :**

We are given,

$$y = |x|$$

Substituting  $x = 1$  , we get

$$y = 1$$

Substituting  $x = -1$  , we get

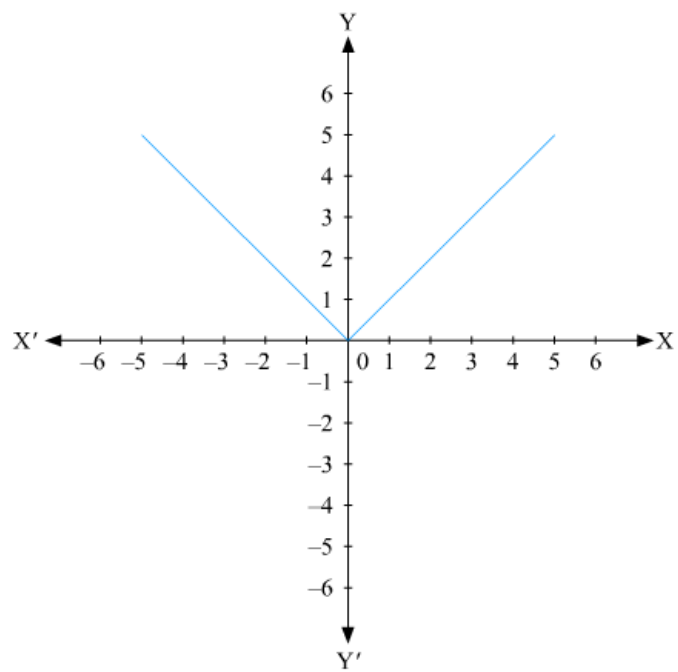
$$y = 1$$

Substituting  $x = 2$  , we get

$$y = 2$$

Substituting  $x = -2$  , we get

$$y = 2$$



For every value of  $x$ , whether positive or negative, we get  $y$  as a positive number.

Linear Equations in Two Variables Ex 13.3 Q16

**Answer :**

We are given,

$$y = |x| + 2$$

Substituting  $x = 0$  , we get

$$y = 2$$

Substituting  $x = 1$  , we get

$$y = 3$$

Substituting  $x = -1$  , we get

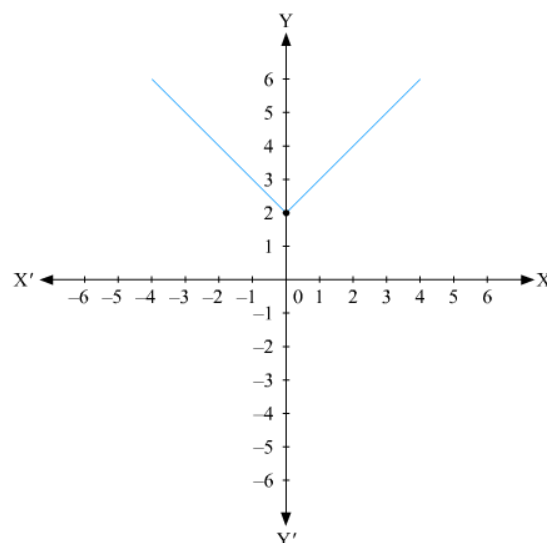
$$y = 3$$

Substituting  $x = 2$  , we get

$$y = 4$$

Substituting  $x = -2$  , we get

$$y = 4$$



For every value of  $x$ , whether positive or negative, we get  $y$  as a positive number and the minimum value of  $y$  is equal to 2 units.

\*\*\*\*\* END \*\*\*\*\*

