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

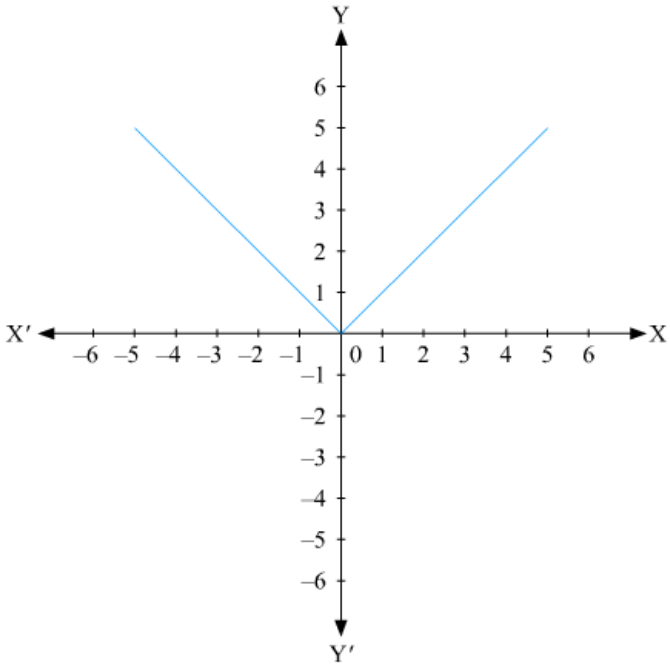
$y = 1$

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

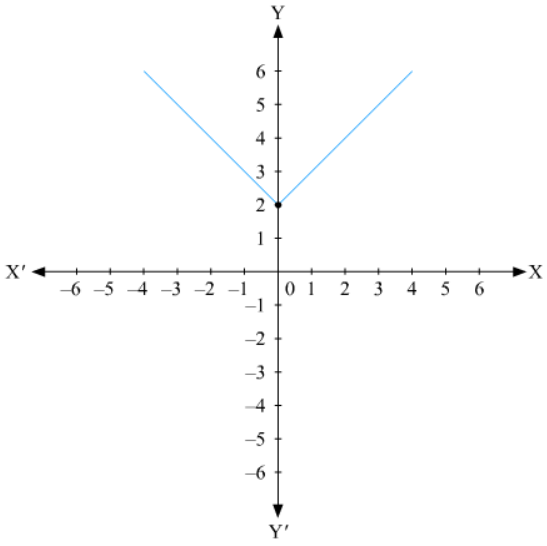
$y = 3$

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 **********