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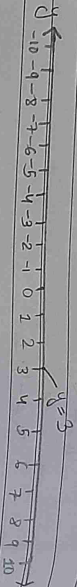


Exercise - 4.4

1. (i)  $y = 3$   
one variable

when  $x = 0, y = 3$   
 $x = 1, y = 3$

(ii) In two variables



2) Give the geometrical representations of  $2x + 9 = 0$   
(i) In one equation  
(ii) In two variables

$$\begin{aligned} 2x + 9 &= 0 && \text{when } y = 0 \\ \Rightarrow 2x &= -9 && \text{when } y = 1 \\ \Rightarrow x &= \frac{-9}{2} = -4.5 && \text{when } y = 1 \\ \Rightarrow x &= -4.5 && \end{aligned}$$

