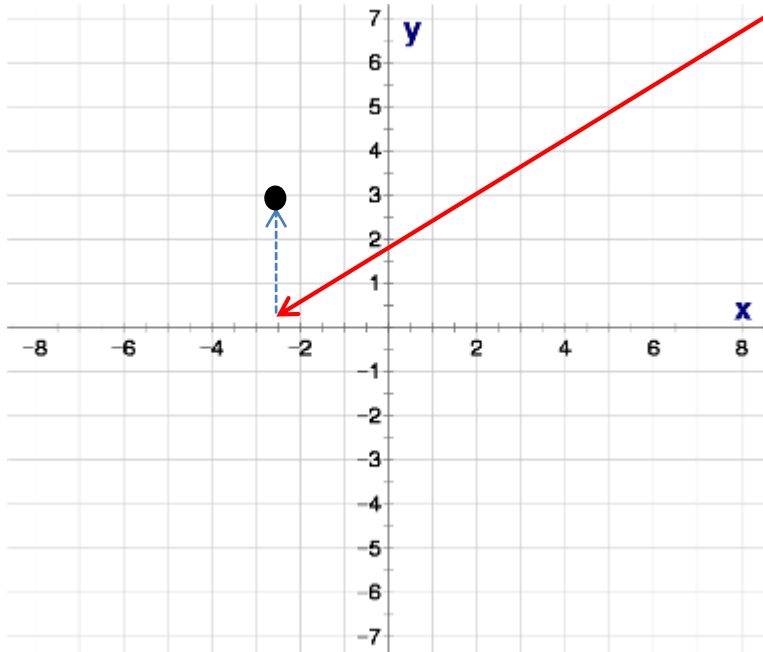


Possible Solutions

Graph the ordered pair $(-2\frac{1}{2}, 3)$ on the coordinate plane. In which quadrant is this ordered pair located? Justify your thinking.

The given ordered pair is $(-2\frac{1}{2}, 3)$. First, find the x -coordinate $(-2\frac{1}{2})$



Next, we would keep our place on the x -coordinate and move up to the y -coordinate of 3.

Finally, we have arrived at our destination, and we would plot the point right there. This is how to graph the ordered pair $(-2\frac{1}{2}, 3)$.

Now, the second part of the question asks us which quadrant the point is in. Remember that we start at Quadrant I, which are +, + coordinates, move to Quadrant II which are -, + coordinates, Quadrant III which are -, - coordinates, and finally Quadrant IV which are +, - coordinates.

In this case, the ordered pair begins with a negative number, meaning it must be Quadrant II or III. The y -coordinate gives us our answer, and since it is positive, the Quadrant for this point is Quadrant II.