

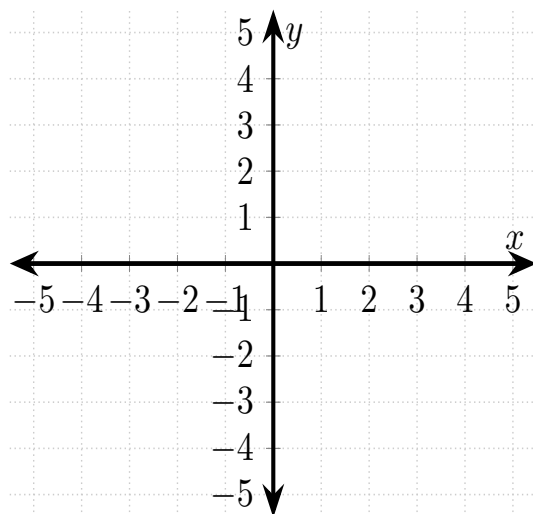
LaTeX pgfplots EXAMPLES

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This will draw a blank Coordinate Plane (2D Number Plane),

```
\resizebox{8cm}{8cm}{%
  \begin{tikzpicture}
    \begin{axis}[
      axis lines=middle,
      axis line style={Stealth-Stealth,very thick},
      xmin=-5.5,xmax=5.5,ymin=-5.5,ymax=5.5,
      xtick distance=1,
      ytick distance=1,
      xlabel=$x$,
      ylabel=$y$,
      title={Coordinate Plane (2D Number Plane)},
      grid=major,
      grid style={thin,densely dotted,black!20}]
    \end{axis}
  \end{tikzpicture}
}
```

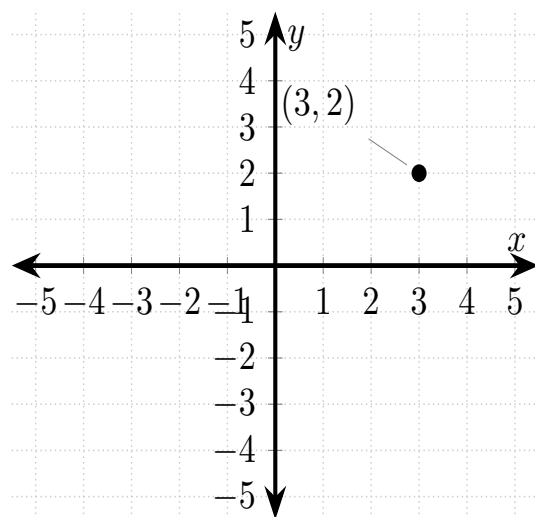
Coordinate Plane (2D Number Plane)



Coordinate Plane with coordinates (3,2),

```
\addplot[mark=*] coordinates {(3,2)} node[pin=150:{$(3,2)$}]{}
```

Coordinate Plane (2D Number Plane)



Coordinate Plane with line ?????,