

Polar Coordinates

"Convert from Polar $\rightarrow$ Rectangular Coordinates"

Convert the polar coordinate $(5, \pi/3)$ to rectangular form.

☐ Drag the boxes into the correct blanks

Step 1: Write the formula

$$x = \square \quad y = \square$$

Step 2: Substitute values

$$x = \square \quad y = \square$$

Step 3: Evaluate

Drag the correct values:

☐ 2.5. ☐ $5\sqrt{3}/2$. ☐ 3. ☐ 12

Fill in:

$$x = \square$$

$$y = \square$$

Final Answer Box

(☐ , ☐)