Formatting Mathematical Expressions/Equations

Add an equation
1. Click where you want to add an equation. If you want the equation to be centered on a new line, press ENTER.
2. On the Insert tab, in the Symbols group, click the arrow next to Equation.
3. Click a built-in equation or click Insert New Equation.
4. Once you have created the equation and calculated the results, enter a tab and a number

\[ p_y(y) = \frac{p_\alpha \left( \frac{\Omega \gamma}{\gamma} \right)}{2 \sqrt{\frac{\gamma \bar{y}}{\Omega}}} \]

\[ (2.3) \]

5. Click on the Insert tab, in the Table group, click on Convert text to Table.
4. Choose **Table Size** ➔ Number of columns: 2
   AND **Separate text at** ➔ Tabs

5. Click a built-in equation or click **Insert New Equation.**

\[
p_y(y) = \frac{p_a \left( \sqrt{\frac{\Omega y}{\gamma}} \right)}{2 \sqrt{\frac{\gamma y}{\Omega}}} \quad (2.3)
\]

6. Align Number to the border of the page margin by dragging the separating line
7. And select the equation to align in Center of box

\[
p_y(y) = \frac{p_a \left( \sqrt{\frac{\Omega y}{\gamma}} \right)}{2 \sqrt{\frac{\gamma y}{\Omega}}} \quad (2.3)
\]
8. Select the table by clicking on the box at the top left-hand corner of the table.
9. Click right-hand button of the mouse.
10. Scroll down to Table Properties ➔ Choose Borders and Shading

11. On the Borders tab ➔ Setting ➔ None ➔ OK

12. Final product equation centered and number aligned to page margin

\[
p_y(y) = \frac{p_\alpha \left( \frac{\Omega y}{\bar{y}} \right)}{2 \sqrt{\frac{\bar{y}^2}{\Omega}}} \tag{2.3}
\]