**Name:** _____

Solve the following simultaneous linear equation by the elimination method.

$$x + 2y = 3 \ and \ 3x + 4y = 5.$$

$$x + 2y = 3 \qquad \longrightarrow ①$$

$$3x + 4y = 5 \qquad \longrightarrow ②$$

① $\times 2$: $\quad \Box + \Box = \Box \qquad \longrightarrow ③$

② $\Box$ ③ : $\quad \Box = \Box$

Substitute $x = \Box$ into ①:

$$\Box + \Box = \Box$$

$$\Box = \Box + \Box$$

$$\Box = \Box$$

$$\Box = \Box$$

Hence, the solution is $x = \Box \quad$ and $y = \Box$