

Name: _____

Determine the point of intersection of the straight lines $2x + y = 3$ and $3x - 2y = 8$ using the substitution method.

$$2x + y = 3 \rightarrow ①$$

$$3x - 2y = 8 \rightarrow ②$$

From ①, $2x + y = 3$

$$y = \boxed{} - \boxed{} \rightarrow ③$$

Substitute ③ in $3x - 2y = 8$

$$\boxed{} - \boxed{} (\boxed{} - \boxed{}) = \boxed{}$$

$$\boxed{} - \boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} = \boxed{}$$

$$x = \frac{\boxed{}}{\boxed{}}$$

$$x = \boxed{}$$

Substitute $x = \boxed{}$ in ②

$$3x - 2y = 8$$

$$\boxed{}(\boxed{}) - \boxed{} = \boxed{}$$

$$\boxed{} - \boxed{} = \boxed{}$$

$$\boxed{} = \boxed{}$$

$$y = \frac{\boxed{}}{\boxed{}}$$

$$y = \boxed{}$$

Hence, the intersection point is ($\boxed{}, \boxed{}$)