Name: ☐

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

$2x + y = 3$ ⟶ ①

$3x - 2y = 8$ ⟶ ②

From ①, $2x + y = 3$

$y =$ ☐ $-$ ☐ ⟶ ③

Substitute ③ in $3x - 2y = 8$

☐ $-$ ☐ (☐ $-$ ☐) = ☐

☐ $-$ ☐ $+$ ☐ = ☐

☐ = ☐

$x =$ ☐ / ☐

$x =$ ☐

Substitute $x =$ ☐ in ②

$3x - 2y = 8$

☐ (☐) $-$ ☐ = ☐

☐ $-$ ☐ = ☐

☐ = ☐

$y =$ ☐ / ☐

$y =$ ☐

Hence, the intersection point is (☐ , ☐)