Systems of linear equations:

\[ 2x - 3y = -4 \]
\[ 2x + y = 4 \]

is \((1, 2)\) a solution? \((7, 6)\)

**Substitution:**

Let
\[ 3x + 2y = 4 \]
\[ 2x + y = 1 \]

Solve by addition:

\[ 4x + 5y = 3 \]
\[ 2x - 3y = 7 \]

**Consistent**

inconsistent

**Independent**

independent

**Dependent**