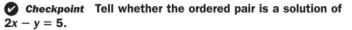
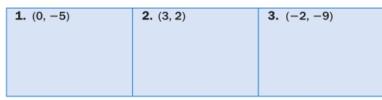


Goal: Find solutions of equations in two variables.

Vocabulary	
Equation in two variables:	An equation that contains two different variables
Solution of an equation in two variables:	
Graph of an equation in two variables:	The graph of an equation in two variables is the set of points in a coordinate place that represent all the goldness of the equation.
PLinear equation: a ex: y= + x + 4	
Function form:	
jinar equation	
Example 1 Checking Solutions	
Tell whether $(5, -1)$ is a solution of $x - 3y = 8$.	
Solution (X, Y)	
x - 3y = 8 Write original equation.	
$5 - 3(-1)^2 = 8$ Substitute for x and for y.	
5+3=8 Simplify.	
Answer: $(5, -1)$ a solution of $x - 3y = 8$.	





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