

Choose two equations from the list below, to create a system of equations.
Use the substitution method to solve the resulting system.

A. $2x - y = -3$

B. $y = 3x - 1$

C. $x = y - 5$

D. $y = 4x + 2$

E. $x + y = 3$

F. $4x + 2y = 12$

G. $x - 2y - 4 = 0$

H. $3x - 4y = 8$

I. $x = \frac{y+2}{2}$

J. $y - 5 = 3(x - 2)$

K. $y - 1 = \frac{1}{4}(x + 4)$

L. $5x - y = 3$ M. $y = x + 5$

At your whiteboard, keep a record of the following:

Which combinations of equations have a solution containing only integer coordinates?

Which combinations of equations have a solution containing fractional coordinates?

Which combinations of equations have infinite solutions?

Which combinations of equations forms an inconsistent system?