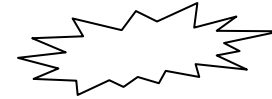


Solving a System of Three Equations

Step 3 – use two new equations to eliminate a variable and solve for the other



Step 4 Solve for other variable



Step 5 Solve for final variable



SOLUTION

(, ,)

(x, y, z)

Step 1 Eliminate?

Must be the SAME variable!!

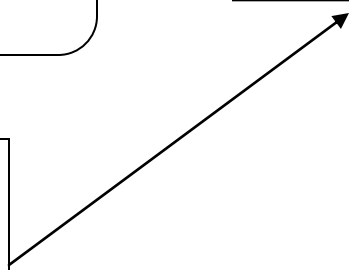
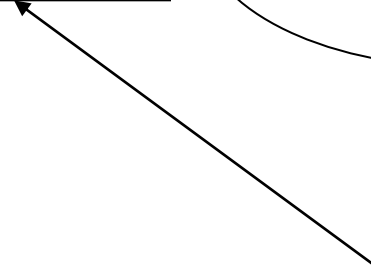
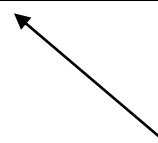
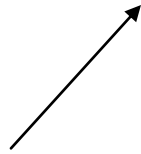
Step 2 Eliminate SAME variable

Must be the SAME variable!!

1)

2)

3)



| |
|----|
| 1) |
| 2) |
| 3) |