## Algebra II SS 4 Solving Systems of Linear Equations in Three Variables



Solve each system. (pg 447)

1) $\begin{array}{r}x+y-3 z=10 \\ y+z=12 \\ z=-2\end{array}$ $y+(-2)=12$
$y=14$
$x+(14)-3(-2)=10$
$\begin{aligned} x+20 & =10 \\ x & =-10\end{aligned}$
$\{(-10,14,-2)\}$

pg 447
1-12 all
