System of Equations

3 equations, 3 unknowns

Solve on separate piece of paper. (There are no fraction/decimal solutions.)

1) $2x - 3y + z = -3$
   $x + 2y - 4z = -8$
   $-x + y - 2z = -4$

2) $3x + 2y - 3z = 5$
   $2x - 3y + 2z = -6$
   $4x + 4y - z = 18$

3) $-x - 3y + z = 7$
   $-2x - 7y - 3z = -9$
   $5x + 2y - 2z = 6$

4) $2x + 3y = z + 7$
   $x - 2y = 1 - 4z$
   $x + 2y - 3z = 2$

5) $2x + y + 3z = 1$
   $-4x + 5y + z = 19$
   $3x - 2y + 4z = -6$

System of Equations

3 equations, 3 unknowns

1) $x = 0$
   $y = 2$
   $z = 3$

2) $x = 1$
   $y = 4$
   $z = 2$

3) $x = 4$
   $y = -2$
   $z = 5$

4) $x = 1$
   $y = 2$
   $z = 1$

5) $x = -2$
   $y = 2$
   $z = 1$