Practice sum for unit 2

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

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

2) $1x + 2y + 5z = 10$
$2x + 3y + 5z = 15$
$2x + 3y + 1z = 10$

3) $X + y + z = 5$
$2x + 3y + 5z = 8$
$4x + 5z = 2$

4) $3x - 2y + 8z = 9$
$-2x + 2y + z = 3$
$X + 2y - 3z = 8$

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

6) $3x + 4y + 5z = 18$
$2x - y + 8z = 13$
$5x - 2y + 7z = 20$

7) $x + 2y + 3z = 9$
$4x + 5y + 6z = 24$
$3x + y - 2z = 4$

8) $3x - 6y - 3z = -3$
$2x + 6z = -22$
$-4x + 7y + 2z + 2z = 3$

Solve above sums with guess elimination method, guess Jordan method,cramer's rule and Lu-decomposition method.