





Gaussian Elimination

Section 1.2



Elementary Row Operations (EROs)

- **Interchange two rows.**
 - **Multiply a row by a nonzero constant.**
 - **Add a multiple of one row to another row.**
- 



Solve the system (obtain reduced row-echelon form).

$$2x + 4y - 2z = 0$$

$$3x + 5y = 1$$