

## SOLUTION OF SIMULTANEOUS EQUATIONS

Title: ALGEBRA

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### Original Equations:

|     | x1   | x2   | R.H.S. |
|-----|------|------|--------|
| eq1 | 8.00 | 5.00 | 180.00 |
| eq2 | 3.00 | 6.00 | 250.00 |

### Inverse Matrix:

Value of the determinant =33.00

|                       | col1  | col2  |
|-----------------------|-------|-------|
| row1                  | 0.18  | -0.15 |
| <b>Solution:</b> row2 | -0.09 | 0.24  |
| x 1 =                 | -5.15 |       |
| x 2 =                 | 44.24 |       |