

## Equation Solving Toolbox Activity

### Description

This activity has students use the equation solving toolbox to give reasons for the steps they take in solving an equation. This can be introduced when the first solving is done and repeated throughout the semester as new types of equations are introduced.

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### Prep Work

Print an equation solving toolbox and an equation solving explain steps form for each student.

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### Instructions

- **Pre Activity**

None

- **Activity**

Each student is given an equation solving toolbox and an explain your steps form. Put an equation on the board and go over each step giving a reason for that step from the toolbox. Then give the class one or two equations for them to do with reasons for each step on their own.

- **Post Activity**

Remind students that understanding why they are doing steps is more important than just being able to do them.

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### Time Required

30 minutes

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