Request Hint

Basic Course:

The user clicks the <u>hint button</u> on the <u>Expression Manipulation page</u>. The system sends the current <u>expression tree</u> to the <u>AI Solver</u>. The <u>AI Solver</u> then searches for the best <u>Algebraic Action</u> to reach the goal state. The <u>AI Solver</u> returns the <u>Algebraic Action</u> to the system. The system then tells the user what their next action should be.

Alternate Course:

The <u>expression tree</u> is already at the goal state: The system displays "The expression is already solved" on the <u>Error page</u>. The system then displays the <u>Expression Manipulation page</u>.

The <u>AI Solver</u> takes more than ten seconds to find the best <u>Algebraic Action</u>: The system displays "The solver took too long to find the best action" on the <u>Error Page</u>. The system then displays the <u>Expression Manipulation Page</u>.