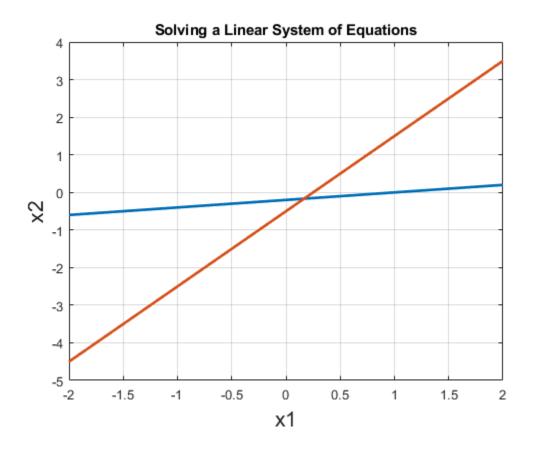
```
% Plot the corresponding lines for reference
xplot = -2:2;
plot(xplot,(xplot-1)/5,'Linewidth',2);
hold on; grid on;
plot(xplot,(4*xplot-1)/2,'Linewidth',2);
xlabel('x1','Fontsize',16);ylabel('x2','FontSize',16);
% Create the Matrix A and B
A = [1, -5; -2, 4];
B = [1;-1];
% Solve the Matrix Equation and store the results in the vector \mathbf{x}
X = A \setminus B;
disp(X);
plot(X(1),X(2), 'k', 'Markersize', 20);
title('Solving a Linear System of Equations')
    0.1667
   -0.1667
```



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