```
%ECE 4560 - Homework 4, Problem 4
%Caitlyn Caggia

theta1 = pi/3; d1 = [1;2];
theta2 = pi/6; d2 = [-2;1];

g1 = SE2(d1, theta1);
g2 = SE2(d2, theta2);

g1inv = inv(g1);
fprintf("inverse: \n")
display(g1inv)

product = g1 * g2;
fprintf("product: \n")
display(product)
```

```
inverse:
    0.5000    0.8660   -2.2321
   -0.8660    0.5000   -0.1340
         0         0    1.0000

product:
    0.0000   -1.0000   -0.8660
    1.0000    0.0000    0.7679
         0         0    1.0000
```

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