Finding the Jacobi transition matrix

Setup

We need to define the A matrix:

```
A = [3 -5  -8;
     2  4   6;
     3  4 -12];
```

Intermediate step

Now we find the lower and upper matrices:

```
% The -1 specifies the diagonal.
L = -tril(A,-1);
U = -triu(A,+1);
```

And the diagonal matrix:

```
D = diag(diag(A)); % No idea why twice.
```

Finally

```
T = D \ (L + U)
```

```
T = 3×3
         0    1.6667    2.6667
   -0.5000         0   -1.5000
    0.2500    0.3333         0
```