

Try each of the following commands pausing and discussing the results until you feel you understand them.

```
>> a=1:9
>> b=reshape(a,3,3)
>> b*b
>> b'
>> rref(b)
>> b+b'
>> c=rand(3)
>> 3*b+2*c
>> inv(c)
>> c^(-1)
>> eye(5)
>> eye(3)/c
>> c\eye(3)
```

```
>> ones(2,3)
>> zeros(3,2)
>> % putting matrices together from pieces
>> mymatrix=[1 3*ones(1,3);eye(4)]
```