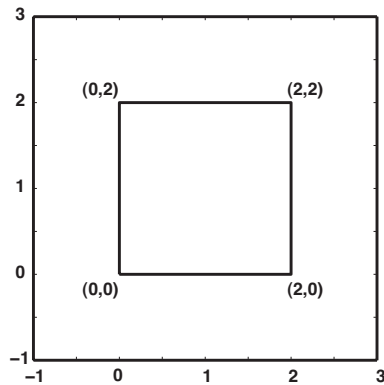


Math 251: Matlab

1. How would you ask Matlab to store in the variable **a** a list of numbers from 2 to 5 incremented by .1?
2. How would you ask Matlab to store in the variable **b** a list of 20 equally spaced numbers from 2 to 5?
3. How would you ask Matlab to draw the cubic $y=x^3$ from $x=-2$ to $x=2$?
4. How would you ask Matlab to draw the following square using just one **plot**?



What happens if you type

```
>>axis([-1 4 -1 4])?
```

How about

```
>>axis square?
```

5. Design a picture using the **plot** command. Be creative! 😊