

MTH 337, SAMPLE QUIZ #5

Spring 2020

Professor: S. Cassani

You have 10 minutes to complete the quiz.

Name: _____
(Also print name on back upper right corner of quiz.)

Max score: 10

	Python Code	Result	
1	<pre>import numpy as np a=np.array([1,2,3]) b=a+1 print(a,b)</pre>		
2	<pre>c=np.arange(0.1,0.7,0.2) c*=2 print(c)</pre>		
3	<pre>d=np.linspace(1,3,3) print(d**2)</pre>		
4	<pre>e=3*np.ones(4) print(e//2)</pre>		
5		<p>For the remainder of this quiz assume that the following code has been executed:</p> <pre>import matplotlib.pyplot as plt</pre> <p>Write a statement that generates a subplot located in the lower left corner of a 3×3 grid (just a statement generating the subplot, don't plot anything in it).</p>	
6		<p>Write code that creates a plot of the function</p> $f(x) = x^2 + 1 \text{ for } 2 \leq x \leq 4$ <p>.</p>	
7		<p>Write code that creates a plot of the function</p> $g(t) = \sin(t) \text{ for } 0 \leq t \leq 2\pi$ <p>.</p>	
Total Points:			