Lab 5 Assessment

Due 23 Oct at 6:00 **Points** 3 **Questions** 3
Available 18 Oct at 6:00 - 23 Oct at 6:00 **Time limit** None
Allowed attempts 2

This quiz was locked 23 Oct at 6:00.

Attempt history

	Attempt	Time	Score
KEPT	Attempt 2	less than 1 minute	3 out of 3
LATEST	Attempt 2	less than 1 minute	3 out of 3
	Attempt 1	1 minute	2 out of 3

Score for this attempt: **3** out of 3
Submitted 21 Oct at 1:22
This attempt took less than 1 minute.

Question 1

1 / 1 pts

How would you set up an augmented matrix to solve this system of equations?

x+3y-4z=9

2x-y-3z=4

4x+2y-z=7

- [1 2 4;3 -1 2; 4 3 -1]
- [1 3 -4; 2 -1 -3; 4 2 -1]
- [1 2 4 9;3 -1 2 4; 4 3 -1 7]

Correct!

- [x] [1 3 -4 9; 2 -1 -3 4; 4 2 -1 7]

Question 2

1 / 1 pts

For an m x n matrix A, which of the following 2 statements are true?

- [ ] The span of the rows of A is in R^m

Correct!

- [x] The span of the columns of A is in R^m

Correct!

- [x] The span of the rows of A is in R^n
- [ ] The span of the columns of A is in R^n

Question 3

1 / 1 pts

Which of these statements is true?

- [ ] A set of 3 linearly independent vectors can sometimes span R^4

Correct!

- [x] A set of 3 linearly independent vectors can never span R^4
- [ ] A set of 4 vectors always spans R^4

Quiz score: **3** out of 3