Lesson 2 Wrap-up

TOTAL POINTS 10

1. The value of a after this command: a = [0; 0; 1]' * [1 2 3; 4 5 6; 7 8 9]

1 point

- [7, 8 , 9]
- [3 , 6 , 9]
- [7 ; 8; 9]
- [3 ; 6 ; 9]

2. What will be the value of s after this command: A = [1:4; -2:2:5; 3 1 0 -1]; s = A(end-1,end-1);

1 point

- We get an error message.
- -1
- 0
- 2

3. Which of the following is a valid variable name?

1 point

- All of the options above are invalid.
- MATLAB_Rules!
- 5x2x3x
- I_Hate_This_Quiz_So_Much

4. After this command: v = 11:-1:1; how many elements will v have?

1 point

- 10
- 1
- 0
- 11

5. In MATLAB operators work on:

1 point

- arguments
- operands
- a tight schedule
- associations

6. Matrix multiplication works if its two operands:

1 point

- are vectors; specifically, the first one is a column vector and the second one is a row vector of any length.
- are scalars.
- are square matrices of the same size.
- All of the above options are correct.

7. The variable t after these commands: v = 1:0.03; t = var(v) will be:

1 point

- 33
- 42
- 31
- None of the above.

8. The variable t after these commands: t = (14:-0.1:1)' .^ 2 will be:

1 point

- a 4-element vector
- a 4x4 matrix
- a scalar
- None of the above. MATLAB will print an error message.

9. The value of p after this command: A = [1:4; 5:8; 9:12]; p = size(A);

1 point

- will be 12
- will be a 3-by-4 matrix
- will be a 2-element vector
- 4

10. Array multiplication works if the two operands:

1 point

- have the same outer dimension.
- are square matrices of the same size.
- are vectors.
- have the same inner dimensions.