Due on 2020-02-05, 23:59 IST.

1 point

Unit 2 - Week 0

Course outline How does an NPTEL online course work? Week 0 Quiz : Assignment 0 Week 1 Week 2 Week 3 week 4 Week 5 Week 6 Week 7 Week 8

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Assignment 0 The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

Note: This assignment is for practice and it will not be graded. 1) Perform Matrix Multiplication, A * B for the given matrices A and B.

 $A = \begin{bmatrix} 4 \\ 5 \\ 6 \end{bmatrix} \qquad B = \begin{bmatrix} 1 & 2 & 3 \end{bmatrix}$

$$\begin{bmatrix} 4 & 5 & 6 \\ 8 & 10 & 12 \\ 12 & 15 & 18 \end{bmatrix}$$

Accepted Answers:

$$\begin{bmatrix} 8 & 5 \\ 11 & 9 \end{bmatrix}$$

$$\begin{bmatrix} 1 & 5 & 9 \end{bmatrix}$$

Score: 0

05x5

3 x 5

05 x 1

Score: 0

3 x 1

8

11

No, the answer is incorrect.

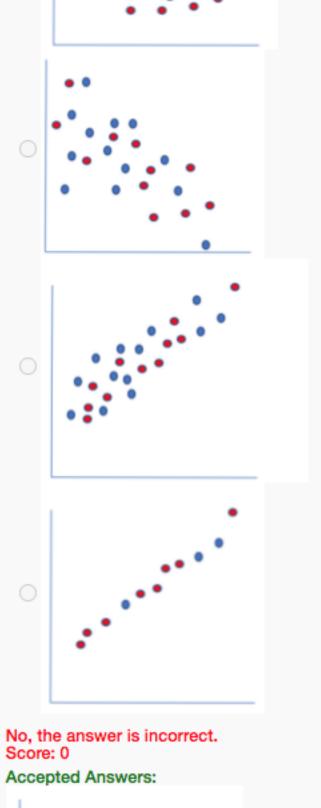
3) Given the two matrices A of size 3 x 5 and B of size 5 x 1, Find the dimension of the product matrix.

the blue points on the other side?

Accepted Answers:

No, the answer is incorrect.

4) In which of the following graphs, can a straight line separate the red and blue points, such that the red points lie on side of the line and



The sum of two numbers is 19 and their difference is 5. Find the two numbers. 12 & 7

No, the answer is incorrect.

No, the answer is incorrect.

Accepted Answers:

0 5 & 14 9 & 14 12 & 5

Score: 0

3/8

Score: 0

Score: 0

1/2

3/16

13

07

Score: 0

Accepted Answers: 12 & 7 7) An unbiased coin is tossed five times. What is the probability of getting at least four heads?

1/2 O 1/32 3/16

Accepted Answers:

8) Consider two dice are rolled simultaneously. What is the probability that the sum of the values on them is odd? 0 1/2

No, the answer is incorrect.

No, the answer is incorrect.

3/4 1/4 O 1/3

Accepted Answers:

x = (21, 40, 33, 55, 61, 94, 84) $\frac{1}{n} \left(\sum_{i=1}^{n} x_i \right)$

9) Calculate the following, where n is the number of elements in the vector x:

55.428

3/4

3/52

Score: 0

3/13 5/13

10) One card is drawn at random from a pack of 52 cards. What is the probability that a face card is drawn?

3/13

Accepted Answers:

No, the answer is incorrect.