Unit 2 - Week 0:Prerequisite

Assignment 0

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-01-26, 23:59 IST.

1) State whether the following statement is True or False. Every rational number is a real number. *1 point*

- TRUE
- FALSE

No, the answer is incorrect.
Score: 0
Accepted Answers:
TRUE

2) State whether the following statement is True or False. The number of composite numbers is finite. *1 point*

- TRUE
- FALSE

No, the answer is incorrect.
Score: 0
Accepted Answers:
FALSE

3) What is the probability of getting a 4 when a fair dice is rolled? *1 point*

- 1/4
- 2/5
- 1/3
- 1/6

No, the answer is incorrect.
Score: 0
Accepted Answers:
1/6

4) Which of the following points do not lie on the line $x - y = 0$? *1 point*

- $(x, y) = (2, 2)$
- $(x, y) = (0, 0)$
- $(x, y) = (3, 5)$
- $(x, y) = (4, 4)$

No, the answer is incorrect.
Score: 0
Accepted Answers:
$(x, y) = (3, 5)$

5) Which of the following are prime numbers? *1 point*

- [ ] 19
- [ ] 49
- [ ] 61
- [ ] 91

No, the answer is incorrect.
Score: 0
Accepted Answers:
19
61

6) Which of the following points lie on the line $x + 2y = 3$? *1 point*

- [ ] $(x, y) = (3, 0)$
- [ ] $(x, y) = (1, 1)$
- [ ] $(x, y) = (1, 2)$
- [ ] $(x, y) = (2, 1/2)$

No, the answer is incorrect.
Score: 0
Accepted Answers:
$(x, y) = (3, 0)$
$(x, y) = (1, 1)$
$(x, y) = (2, 1/2)$

7) The largest prime number less than 100 is *1 point*

- 97
- 99

No, the answer is incorrect.
Score: 0
Accepted Answers:
97

8) How many real roots does the equation $x^3 + 3x^2 + 2x = 0$ have? *1 point*

- 2
- 3
- 1

No, the answer is incorrect.
Score: 0
Accepted Answers:
3