Assignment 0

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

1) A box contains 16 screws, 3 of which are defective. Two screws are drawn at random with replacement. Probability that none of the screws are defective.

- 1 point

2) A fair coin is tossed four times. What is the probability that all will turn into heads?

- 1 point

3) Two dice are rolled. What is the probability that the sum of the numbers that appear on the two dice is exactly greater than 7?

- 1 point

Hint

- No, the answer is incorrect. Score: 0
  Accepted Answers: (Type: Range [0.310, 0.715])

4) A box contains 16 screws, 3 of which are defective. Two screws are drawn at random with replacement. Probability that both of the screws are defective.

- 1 point

5) A fair coin is tossed three times in succession. If first two outcomes turn out to be head, what is the probability that third outcome will be head as well?

- 1 point

- 1/8
- 1/4
- 1/2
- None of the above

6) A fair dice is rolled. What is the probability of getting a prime number?

- 1 point

- 2/6
- 1/2
- 1/6
- 1/6

7) Three coins are flipped simultaneously, the probability of getting at least 1 head is

- 1 point

- 1/8
- 3/8
- 5/8
- 7/8

8) A group consists of equal number of science and commerce students. Of this group 80% of science students and 80% of commerce students have knowledge of economics. If a student is selected at random, what is the probability that he/she has economics knowledge?

- 1 point

Hint

- No, the answer is incorrect. Score: 0
  Accepted Answers: (Type: Range [0.590, 0.790])