

Linear Programming - Class XII

Related Questions with Solutions

Questions

Question: 01

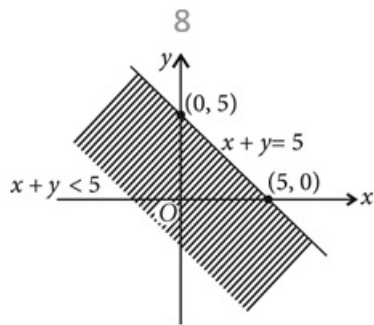
The region bounded by $x + y < 5$ and $x - y < 3$ is

- A. interior of a triangle
- B. second quadrant
- C. first quadrant
- D. unbounded

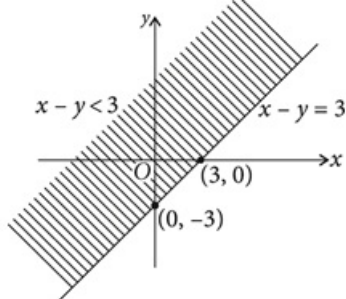
Solutions

Solution: 01

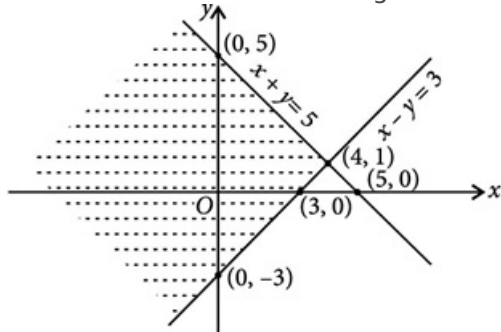
The graph of $x + y < 5$ contains the origin



The graph of $x - y < 3$ also contains the origin.



The intersection of the two regions is the desired region as shown in graph.



Correct Options

Answer:01

Correct Options: D