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▼ Week 1

Lecture 1Lecture questions due Sep 13,
2016 at 19:30 IST**Recitation****Problem Set 1**Homework due Sep 13, 2016 at
19:30 IST

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Bookmark

Linear Programs

(1/1 point)

Which of the following is a linear program? (select all that apply)



$$\begin{array}{ll} \max & y \\ \text{s.t.} & \\ & y \geq 10 \end{array} \quad \left. \vphantom{\begin{array}{l} \max \\ \text{s.t.} \\ y \geq 10 \end{array}} \right\}$$



$$\begin{array}{ll} \max & 2 + 2y^2 \\ \text{s.t.} & \\ & xy = 5 \end{array} \quad \left. \vphantom{\begin{array}{l} \max \\ \text{s.t.} \end{array}} \right\}$$



$$\begin{array}{ll} \max & 3 + 2y \\ \text{s.t.} & \\ & y \geq 5 \end{array} \quad \left. \vphantom{\begin{array}{l} \max \\ \text{s.t.} \end{array}} \right\}$$



$$\begin{array}{ll} \max & 5x \\ \text{s.t.} & \\ & |y| \leq 10 \end{array} \quad \left. \vphantom{\begin{array}{l} \max \\ \text{s.t.} \end{array}} \right\}$$



$$\begin{array}{ll} \max & 5x \\ \text{s.t.:} & \\ & x \leq 10 \\ & x \geq 10 \end{array} \quad \left. \vphantom{\begin{array}{l} \max \\ \text{s.t.:} \\ x \leq 10 \\ x \geq 10 \end{array}} \right\}$$

☐ None of the above

You have used 1 of 1 submissions

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