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**Lecture 2**

Lecture questions due Sep 20, 2016 at 19:30 IST

**Recitation 2****Problem Set 2**

Homework due Sep 20, 2016 at 19:30 IST



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## Convex Functions Exercise

(1/1 point)

Consider the function  $y = x^a$  where  $0 < a < 1$  for  $x \in (0, \infty)$ . This function is☒ Concave ✓☐ Convex☐ Neither convex nor concave.

### EXPLANATION

**Solution**The correct answer is: Concave. If you want to check for yourself, you might try graphing  $x^{.5}$ .*You have used 1 of 2 submissions*



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