

Name:

Math 116 Fall 2010 Exam 2 Answers

1)

a) Converges to $\frac{1331}{350}$

b) Diverges

2)

a) $x = 3$

b) $\frac{1}{5}$

3)

a) 188 (any higher number will work)

b) 21 (any higher number will work)

4)

a) Diverges, divergence test.

b) Converges, ratio test.

c) Diverges, integral test (could also use limit comparison)