Name:

Math 116 Winter 2011 Exam 2 Answers

1) a) Converges to $-\dfrac{1000}{416}$

   b) Converges to $1/\sqrt{3}$

2) a) Converges, ratio test.

   b) Diverges, divergence test.

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

3) Divergent!

4) a) Converges to e^{-6}

   b) Converges to 3 (squeeze theorem)