Calculus Section 9.3 Integral Test  
-Use the Integral Test to determine whether an infinite series converges or diverges.

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#’s 1 – 9 odd, 23 – 27 odd

**The Integral Test**If *f* is positive, continuous, and decreasing for x ≥ 1 and an = f(n), then  
   
either both converge or both diverge.

**Examples) Use the Integral test to determine convergence or divergence of each series.**