

King Fahd University of Petroleum and Minerals  
Math. & Stat. Department  
142-Math 102 Quiz (5)

Name	ID	SEC 21
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Q1) Determine if  $\sum_{n=1}^{\infty} (-1)^{n+1} \frac{3}{2^n}$  diverges or converges. If it is converges, find its sum.

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Q2) Determine if  $\sum_{n=1}^{\infty} \sec h^2(n)$  diverges or converges.