Math 2312 ***Homework*** *Sec*−2.1 ***Name***:

(**1 – 3**) Find the first four terms and the eight term of the sequence:

1. 
2. 
3. 

(**4 – 6**) Find the first five terms of the recursively defined infinite sequence

1. 
2. 
3. 

(**7 – 8**) Express each sum using summation notation

1. 
2. 

(**9 – 11**) Find the sum

1. 
2. 
3. 