# **Test 3 Review**

1. Determine whether each integral is convergent or divergent. Evaluate those that are convergent.

1. 
2. 
3. 

2. Evlauate the integrals.

a.  b. 

c.  d. 

e.  f. 

g.  h. 

i. j. 

k. 

3. Write out the form of the partial fraction decomposition of the following functions:

1.  b. 

4. Evaluate 