**Integrated 3** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Factor the following:

1. 
2. 
3. 
4. 
5. 
6. 

Solve the following:

1. 
2. 
3. 
4. 
5. 
6. 

Given that , find:

1. 
2. 
3.  if 
4.  if 

Solve the following:

1. 
2. 
3. 
4. 