**Practicing Partial Derivatives**

1. Let
   1. Find
   2. Find
   3. Find
   4. Find
   5. Find
   6. Find
2. Let . Compute
3. If , which partial is the easiest to find. Find it. Then find all other partials.
4. Consider . Compute
5. Let . Find and
6. Consider . Find , , , and and confirm that . Find