1. Let <P,Q,R> = curlF. Computing P/x Q/y R/z is same as taking the divF div(curlF) = 0 Since <P,Q,R> = curlF, div<P,Q,R> = 0

```
2. Suface integral = volume integral of divF
divF = 2+2+2 = 6
IntIntInt 6 dzdydx from z=0..5 y=0..4 x=0..1
120
```