

Problem: Objects and factory methods

Implement a class `Complex` which can be used as in:

```
import Complex._  
val z1 = 1 + i  
val z2 = z1 * z1  
println(z1.abs)  
println(z2.arg)  
val z3 = 2 + z2 - i  
println(z3)  
val z4 = z3 - 2 * i  
println(z4)
```

to produce the output:

```
1.4142135623730951  
1.5707963267948966  
2.00 + 1.00i  
2.00 - 1.00i
```

