1. Write down all of the output generated by the following Python program, evaluating it by hand.

```
from __future__ import division
from pylab import *

def f(x):
    ans = x*3
    return ans

def g(x):
    print x
    ans = 6*x-9
    return ans

x = 6
print f(x)
f(g(x))
print g(x)
```

2. Write down all of the output generated by the following Python program, evaluating it by hand.

```
from __future__ import division
from pylab import *

def f(x):
    ans = x-2
    return ans

def g(x):
    print x
    ans = 7*x-7
    return ans

x = 8
print f(x)
f(g(x))
print g(x)
```

3. Write down all of the output generated by the following Python program, evaluating it by hand.

```
from __future__ import division
from pylab import *

def f(x):
    ans = x*8
    return ans

def g(x):
    print x
    ans = 5*(x-9)
    return ans

x = 7
print f(x)
```

```
f(g(x))
print g(x)
```