

homework



```
# 3 coins: 1 head (.25), 1 tail(.75), 1 fair(.5), get equal number of each
Theta2 = seq(0,1,length=1000)
pTheta2 = c(rep(1,200),
             seq(1,100,length=50),
             seq(100,1,length=50),
             rep(1,150),
             seq(1,100,length=50),
             seq(100,1,length=50),
             rep(1,150),
             seq(1,100,length=50),
             seq(100,1,length=50),
             rep(1,200)
)
sum(pTheta2)
```

```
## [1] 15850
```

```
length(pTheta2)
```

```
## [1] 1000
```

```
pTheta2 = pTheta2/sum(pTheta2) #normalizing ptheta so it sums to 1
plot(Theta2,pTheta2)
```

