

Test Case 2:

```
- function [V1,V2,R1,R2,R3] = VR2()  
- %%Use this file to output the voltages and resistances you will be using  
  %%to find your initial current. You do not need to input anything into the parenthesis to call  
  %%the function.  
  
V1 = 12;  
V2 = 15;  
R1 = 22;  
R2 = 22;  
R3 = 22;  
  
end
```

Test Case 3:

```
- function [V1,V2,R1,R2,R3] = VR3()  
- %%Use this file to output the voltages and resistances you will be using  
  %%to find your initial current. You do not need to input anything into the parenthesis to call  
  %%the function.  
  
V1 = 1.5;  
V2 = 9;  
R1 = 55;  
R2 = 40;  
R3 = 70;  
  
end
```