Parallel Circuit Worksheet 2

1. VS = 24 V, R1 = 12.2 kΩ, R2 = 9.8 kΩ, **Solve for RT and IT**
2. VS = 14 V, R1 = 7.6 kΩ, R2 = 8.2 kΩ, **Solve for RT and IT**
3. VS = 15 V, R1 = 2.4 kΩ, R2 = 3.5 kΩ, R3 = 5.2 kΩ, **Solve for RT and IT**
4. VS = 9 V, R1 = 12.4 kΩ, R2 = 8.4 kΩ, R3 = 5.6 kΩ, **Solve for RT and IT**
5. IT = 25 mA, R1 = 2.2 kΩ, R2 = 3.3 kΩ, **Solve for Vs**
6. IT = 2.25 mA, R1 = 12.2 kΩ, R2 = 18.4 kΩ, **Solve for Vs**

1. IT = 25 mA, R1 = 4.2 kΩ, R2 = 4.8 kΩ, R3 = 6.2 kΩ, **Solve for Vs**
2. IT = 8 mA, R1 = 12.2 kΩ, R2 = 13.75 kΩ, R3 = 16.8 kΩ, **Solve for Vs**