The step numbers in this data sheet refer to those in the laboratory exercise instructions.

Steps 2 through 5:

Table 1. Calculated and measured data for circuits 1 through 4.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Circuit No. | Calculated *v*o  (peak-peak) | Measured *v*in  (peak-peak) | Measured *v*o  (peak-peak) | Calculated Gain (Prelab) | Measured Gain | Gain Percent Error |
| 1 |  |  |  |  |  |  |
| 2  R3 = 30 kΩ |  |  |  |  |  |  |
| 2  R3 = 100 kΩ |  |  |  |  |  |  |
| 2  R3 = 0 Ω |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |

Step 6:

Table 2. Calculated and measured data for circuit 5.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Circuit No. | Calculated *v*o  (dc) | Measured *v*in  (dc) | Measured *v*o  (dc) | Calculated Gain (Prelab) | Measured Gain | Gain Percent Error |
| 5 |  |  |  |  |  |  |

Other observations: