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| ***Instructions:***   * ***Submission must contain only original, individual, and current work.*** * ***After completion, save as PDF before submitting.*** |

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| I learned that switching the oscilloscope setting to AC removes the DC offset. I learned how to read from this oscilloscope. I learned that the oscilloscope uses roll mode for slow signals |

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| s(t) = 7cos(2pi\*600t)+2 |

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| Roll mode should be used for slow signals |

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| Vout = Vin \* Rout / (Ri + Rout)  Vout = 10 \* 75k / (75k + 25k) = 7.5V  Rtotal = 1/(1/75k + 1/1k) + 25k = 26k  Ri =25k Rout = 26k  Vout = 10 \* 26k/(25+26) = 5.1V |