



# PyroElectro.com - PyroEDU

## *Introduction To Analog Electronics – Lesson 10: Audio Amplifier*

### **HOMEWORK**

The following homework questions are meant to go with the online lesson found here:  
[http://www.pyroelectro.com/edu/analog/audio\\_amplifier/](http://www.pyroelectro.com/edu/analog/audio_amplifier/)

#### **HOMEWORK QUESTION 1**

What is the difference between a 741 opamp and an LM386 opamp?

#### **HOMEWORK QUESTION 2**

What is the purpose of amplifying audio signals?

#### **HOMEWORK QUESTION 3**

Draw a circuit with the LM386 opamp so that it amplifies an input signal by 20.

#### **HOMEWORK QUESTION 4**

Can an LM386 opamp be used to amplify an input audio signal by 100? How would that be done?

#### **ADDITIONAL INFORMATION**

To get feedback on your homework or to ask additional questions related to this lesson, please post your homework answers or your questions in the online forums at:  
<http://www.pyroelectro.com/forums/>