You are to design a Class B amplifier consisting of an op amp along with an NPN and PNP transistor and miscellaneous resistors to produce a gain of 10. Assume that positive and negative power supplies are provided.

a) (2) What component is most likely to limit high-frequency response?

b) (2) Draw your circuit showing component values.

c) (2) What is the primary source of distortion in this type of amplifier?

d) (2) What aspect of your design minimizes this distortion?

e) (2) What is the low-frequency cutoff of this amplifier?