



$$I_B = \frac{V_{o \text{ amp}}}{R_F + R_{gnd}} = \frac{10.7 \text{ V}}{1.5 \text{ k}\Omega + 1.7 \text{ k}\Omega} = 3.34 \text{ mA}$$

$$I_L = \frac{V_L}{R_L} = \frac{10 \text{ V}}{10 \Omega} = 1 \text{ A}$$

$$\beta = \frac{1}{3.34 \times 10^{-3}} = 299 \leftarrow ? \text{ (unsure)}$$