

b)

a) Non-inverting Amplifier.

$$b) \text{ Gain} = 1 + \frac{R_F}{R_i}$$

$$c) \text{ Gain} = 1 + \frac{24k}{6k}$$

$$= \underline{\underline{5}}$$

$$d) \text{ ~~0.11~~ } 0.11 \times 5 = \underline{\underline{0.55}} \checkmark$$

$$e) 0$$

3.

a) RS232

b) point to point

c) ~~To send data from one computer to another~~
 To send data from one interface to another