

'Net-Zero Buses'

$$u_7 = 580 = a + 6d \quad (1)$$

$$u_{15} = 1020 = a + 14d \quad (1)$$

$$440 = 8d, d = 55 \quad (1)$$

$$a = 580 - (6 \times 55) = 250 \quad (1)$$

$$\text{thus } a = 250, d = 55 \quad (1)$$