

CE 201 (486) [081]

H.W. # 8 Final Answers

$$\begin{aligned}
 1) \quad F_{BD} &= 12.5 \quad \text{or} \quad 10 \quad T \text{ or } C \\
 F_{BE} &= 10 \quad \text{or} \quad 12.5 \quad T \text{ or } C \\
 F_{BG} &= 6.25 \quad \text{or} \quad 0 \quad T \text{ or } C
 \end{aligned}$$

$$2) \quad F = 28 \quad \text{or} \quad 12 \quad \text{or} \quad 5.091$$

$$3) \quad ??$$

$$\begin{aligned}
 4) \quad F_{DF} &= 60 \quad \text{or} \quad 10 \quad \text{or} \quad 0 \quad T \text{ or } C \\
 F_{DE} &= 0 \quad \text{or} \quad 20 \quad \text{or} \quad ?! \quad T \text{ or } C \\
 F_{CE} &= 60 \quad \text{or} \quad 0 \quad \text{or} \quad ?! \quad T \text{ or } C
 \end{aligned}$$

$$\begin{aligned}
 5) \quad F_{DG} &= 2F \quad \text{or} \quad F \quad \text{or} \quad 0 \quad T \text{ or } C \\
 F_{BE} &= 2F \quad \text{or} \quad F \quad \text{or} \quad 0 \quad T \text{ or } C
 \end{aligned}$$