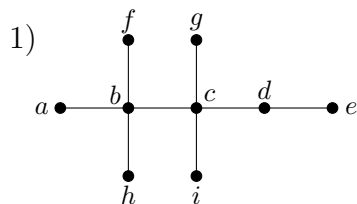


2.6

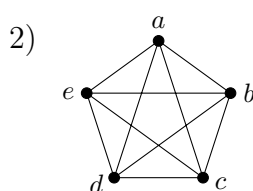


$$\begin{aligned} \deg(a) &= 1 & \deg(b) &= 4 & \deg(c) &= 4 & \deg(d) &= 2 & \deg(e) &= 1 \\ \deg(f) &= 1 & \deg(g) &= 1 & \deg(h) &= 1 & \deg(i) &= 1 \end{aligned}$$

$$E = \{ab; bf; bh; bc; cd; cg; ci; de\}$$

$$\sum_{x \in V} \deg(x) = 1 + 4 + 4 + 2 + 1 + 1 + 1 + 1 + 1 = 16$$

$$2|E| = 2 \cdot 8 = 16$$

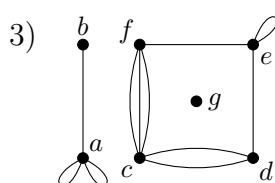


$$\deg(a) = 4 \quad \deg(b) = 4 \quad \deg(c) = 4 \quad \deg(d) = 4 \quad \deg(e) = 4$$

$$E = \{ab; ac; ad; ae; bc; bd; be; cd; ce; de\}$$

$$\sum_{x \in V} \deg(x) = 4 + 4 + 4 + 4 + 4 = 20$$

$$2|E| = 2 \cdot 10 = 20$$



$$\begin{aligned} \deg(a) &= 5 & \deg(b) &= 1 & \deg(c) &= 5 & \deg(d) &= 3 & \deg(e) &= 4 \\ \deg(f) &= 4 & \deg(g) &= 0 \end{aligned}$$

$$E = \{aa; ab; cd; cd; cf; cf; cf; de; ee; ef\}$$

$$\sum_{x \in V} \deg(x) = 5 + 1 + 5 + 3 + 4 + 4 + 0 = 22$$

$$2|E| = 2 \cdot 11 = 22$$