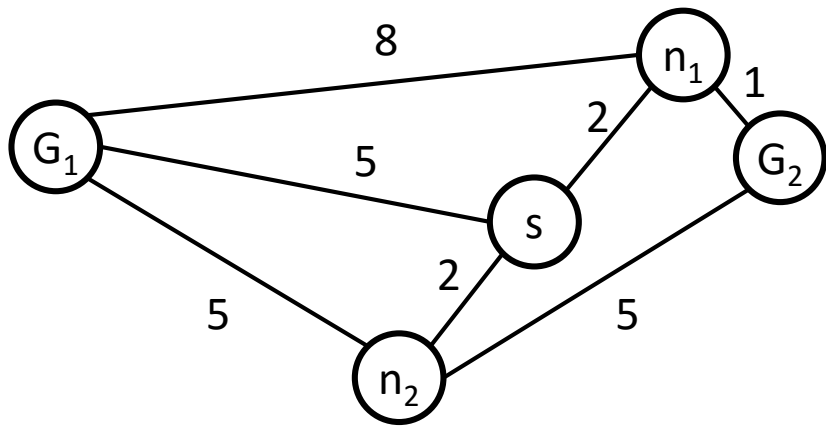


$$F_{max}(n_1) = \max(10, 3) = 10$$

$$F_{min}(n_1) = \min(10, 3) = 3$$



$$F_{max}(n_2) = \max(7, 7) = 7$$

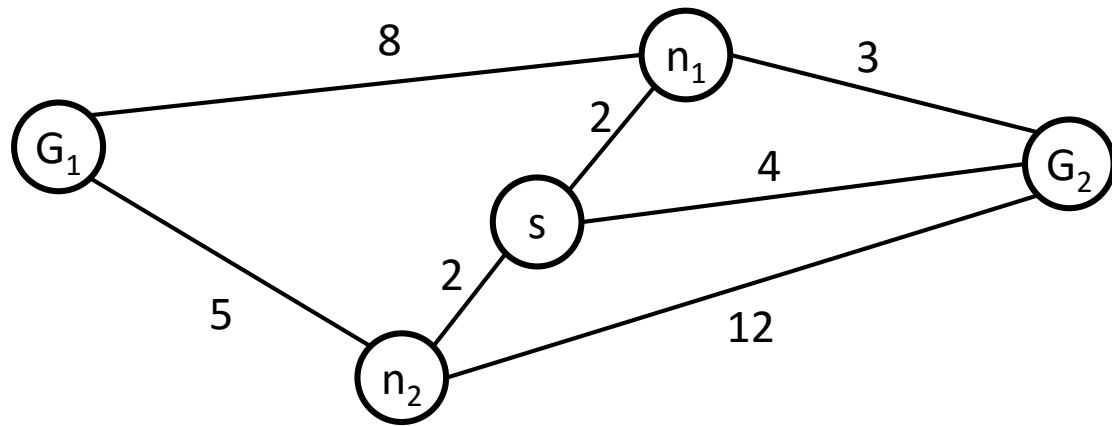
$$F_{min}(n_2) = \min(7, 7) = 7$$

(a)

$$F_{max}(n_1) = \max(10, 5) = 10$$

$$F_{min}(n_1) = \min(10, 5) = 5$$

$$F_{min}^u(n_2) = \min(10) = 10$$



$$F_{max}(n_2) = \max(7, 14) = 14$$

$$F_{min}(n_2) = \min(7, 14) = 7$$

$$F_{min}^u(n_2) = \min(7) = 7$$

(b)