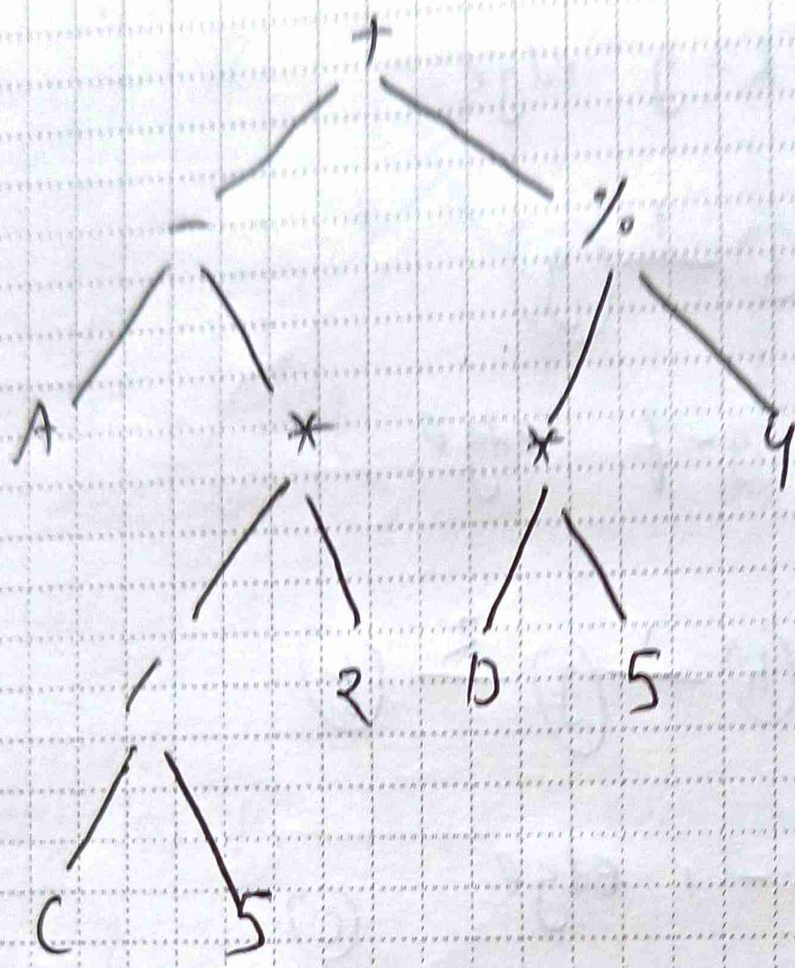


Q1.



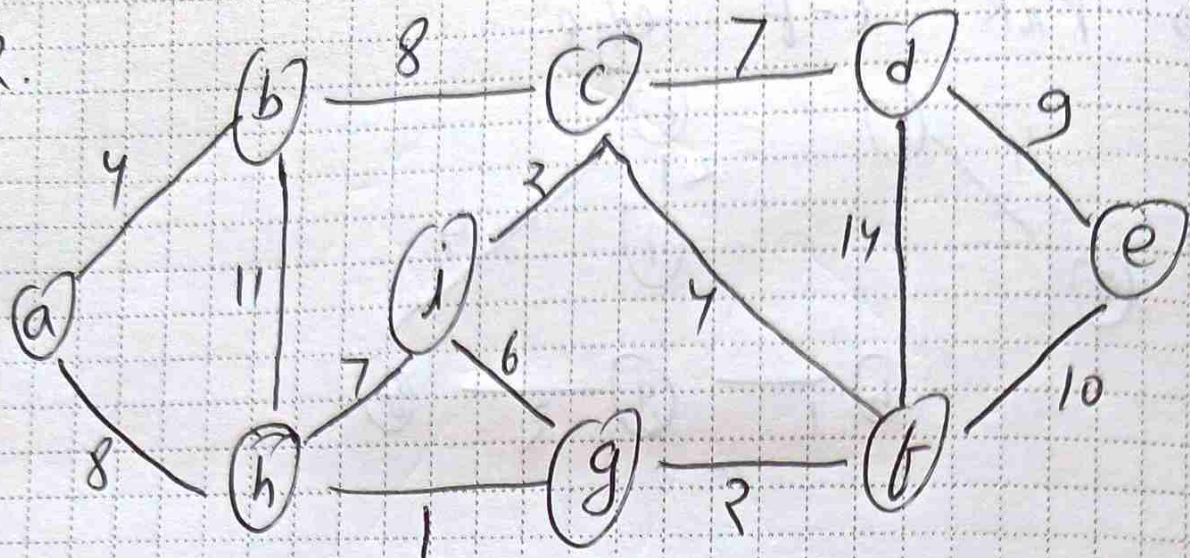
Pre Order: + - A \* / C 5 2 % \* D 5 4

In Order: A - C / 5 \* 2 + D \* 5 % 4

Post Order: A C 5 / 2 \* - D 5 \* 4 % +



Q2.



→ Sorting with their weight

$$h - g = 1$$

$$d - e = 9$$

$$g - f = 2$$

$$e - f = 10$$

$$c - i = 3$$

$$b - h = 11$$

$$a - b = 4$$

$$d - f = 14$$

$$c - f = 4$$

$$g - j = 4$$

$$h - i = 7$$

$$c - d = 7$$

$$b - c = 8$$

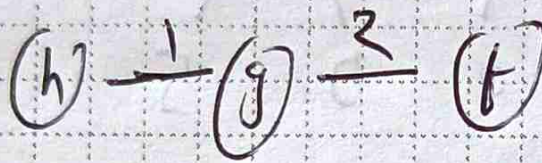
$$a - h = 8$$



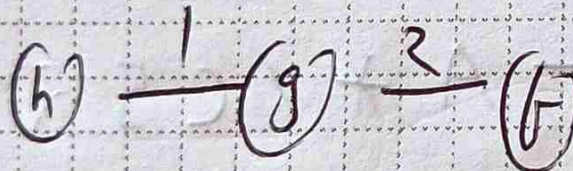
→ Pick h-g edge



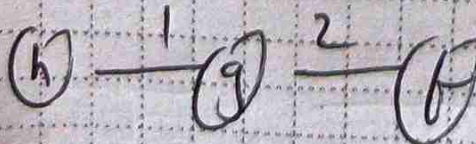
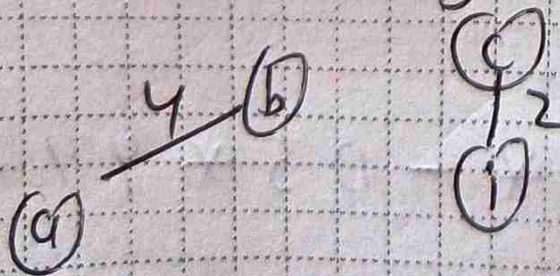
→ Pick g-f edge



→ Pick c-i edge

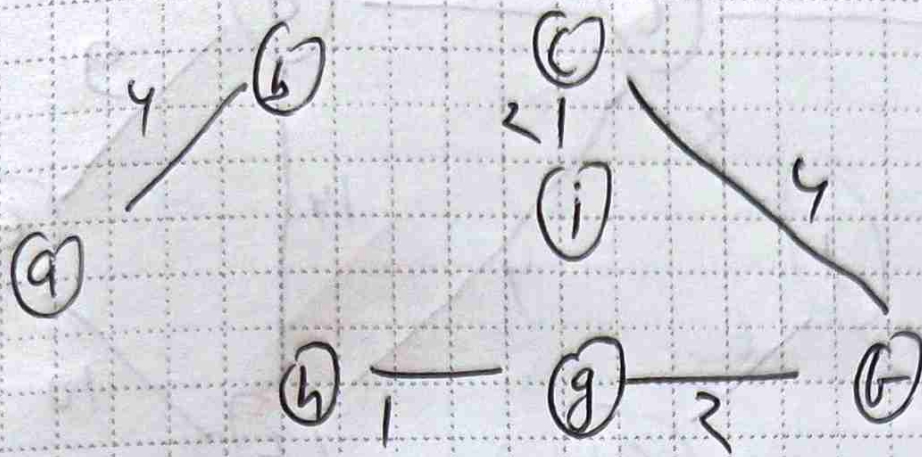


→ Pick a-b edge

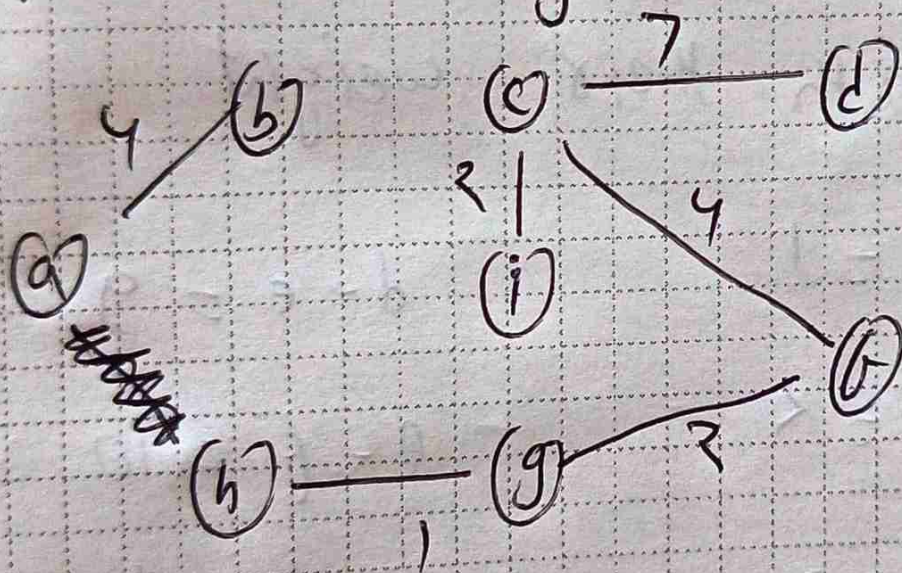




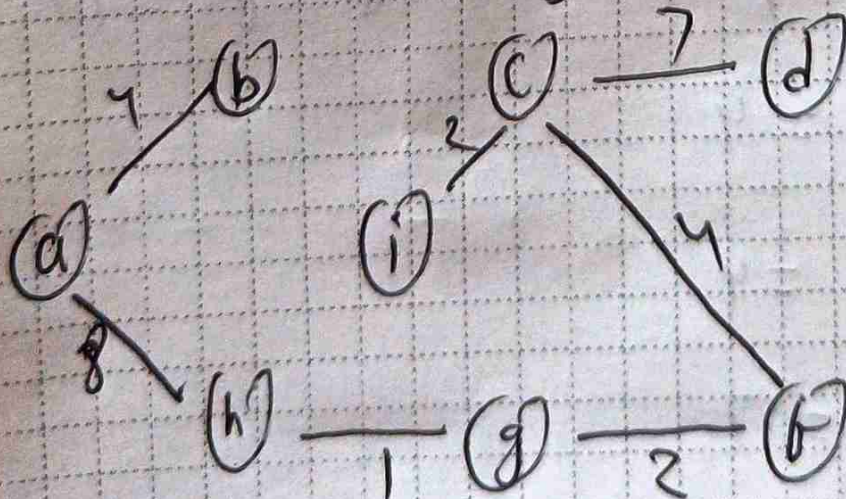
→ Pick c-t edge



→ Pick c-d edge

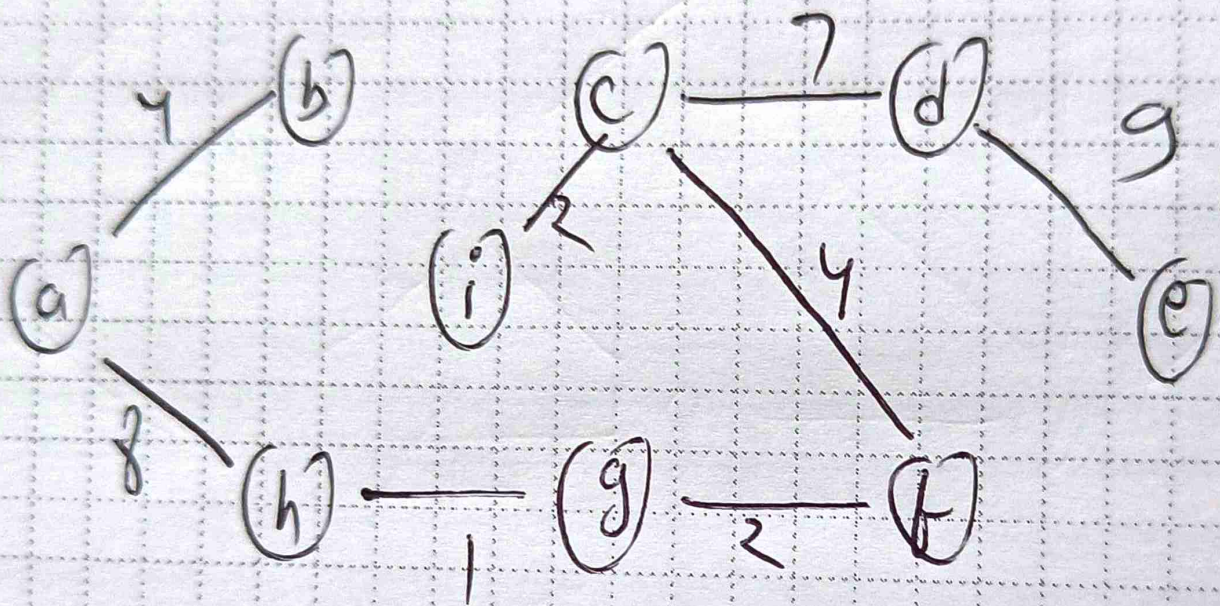


→ Pick a-h edge





→ pick d-e edge



output