

Q1) Drawings.

a)

$$\begin{array}{c} + \\ / / \\ x * \\ 3 \end{array}$$

b)

$$\begin{array}{c} - \\ + / * \\ x - \\ a \end{array}$$

c)

$$\begin{array}{c} * \\ + / \\ a - \\ x y \end{array}$$

Q2) Example binary tree.

Built using the array below.

```
int example_input[9] = { 30,15,4,20,18,19,35,32,38 };
```

Which outputs:

