Lista de Exercícios Avaliativa 1
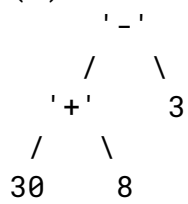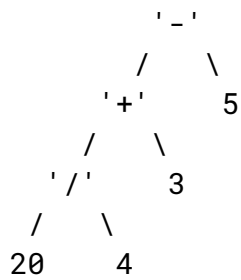
Danilo Pimentel de Carvalho Costa, 2016058077
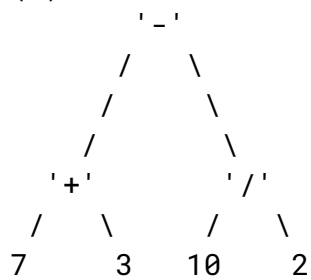
1-

(a)
```
       '-'
      /   \
    '+'    3
    / \
  30   8
```
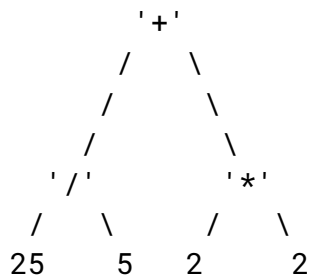
(b)
```
         '-'
        /   \
      '+'     5
      / \
    '/'    3
    / \
  20   4
```

(c)
```
         '-'
        /   \
       /     \
      /       \
    '+'       '/'
    / \       / \
   7   3    10    2
```

(d)
```
         '+'
        /   \
       /     \
      /       \
    '/'       '*'
    / \       / \
  25   5    2    2
```

(e)
```
              '-'
```

```
            /     \
          /        \
         /          \
       '-'          '/'
      /   \        /   \
    '+'    7     21      3
   /   \
 '*'    10
 /   \
5     20
```

2-
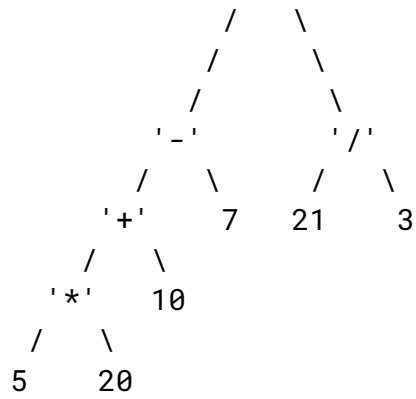
G=<N,T,δ,S>
δ={
  E ::= E / E | E * E | E + E | E - E
  IConst ::= [0-9]$^+$
}
N = {E,IConst}
T = [0-9]$^+$ U {/, *, +, -}
S = E