```python
def factor_tree ( n ) :
    height = 0
    while n > 1 :
        flag = False
        for i in range ( 2 , int ( math . sqrt ( n ) ) + 1 ) :
            if n % i == 0 :
                n = n // i
                flag = True
                break
        height += 1
        if not flag :
            break
    return height
```