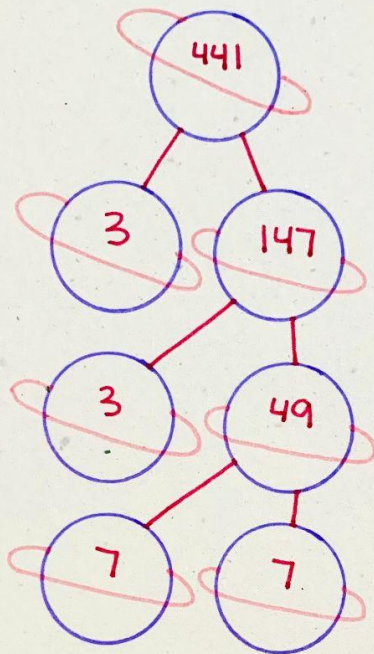
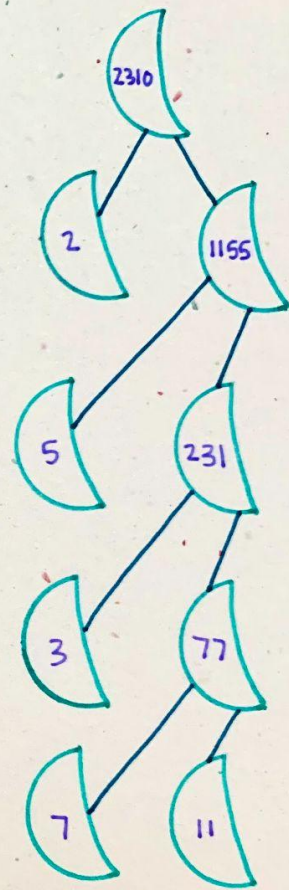




(2, 2, 2, 2, 2)



(3, 3, 7, 7)



(2, 5, 3, 7)

B.

1. 53

$$\begin{array}{l} 32 \rightarrow 2^5 \\ 16 \rightarrow 2^4 \\ 4 \rightarrow 2^2 \\ 1 \rightarrow 2^0 \end{array}$$



$$2^5 + 2^4 + 2^2 + 2^0$$

2. 49

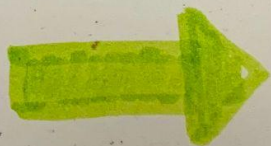
$$\begin{array}{l} 32 \rightarrow 2^5 \\ 16 \rightarrow 2^4 \\ 1 \rightarrow 2^0 \end{array}$$



$$2^5 + 2^4 + 2^0$$

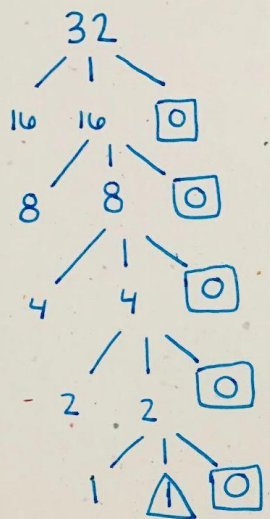
3. 31

$$\begin{array}{l} 16 \rightarrow 2^4 \\ 8 \rightarrow 2^3 \\ 4 \rightarrow 2^2 \\ 2 \rightarrow 2^1 \\ 1 \rightarrow 2^0 \end{array}$$



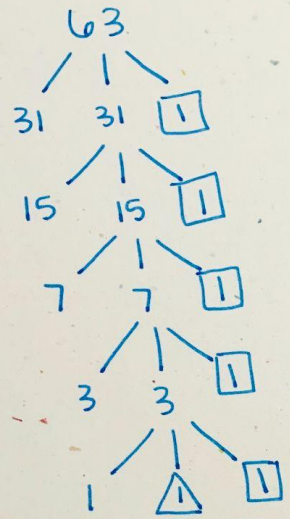
$$2^4 + 2^3 + 2^2 + 2^1 + 2^0$$

(a)



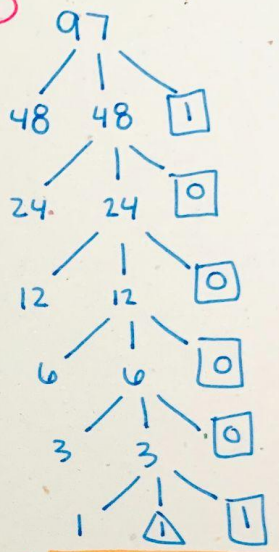
1,0,0,0,0,0,0

(B)



1,1,1,1,1,1,1

(c)



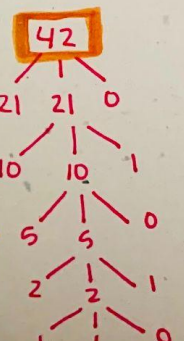
1,1,0,0,0,0,1

C.
1.

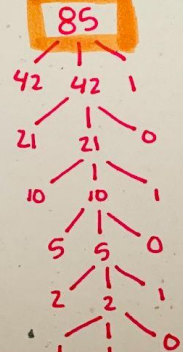
- a. 1,0,0,0,0,0
- b. 1,1,1,1,1,1
- c. 1,1,0,0,0,0,1

2.

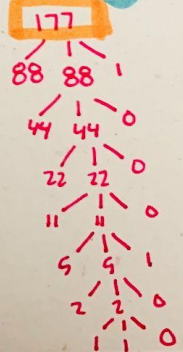
(a)



(B)



(c)



- a. 42
- b. 85
- c. 177