Practice Set Asymptotic Notations

1) loso nlogn is
$$O\left(\frac{n\log n}{\log n}\right) \rightarrow T/F$$

Ans \rightarrow True

2) $\Omega - f(n) \times = G \cdot g(n)$

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Ans \rightarrow True

3) $\Theta\left(\frac{\log n}{\log n}\right) = O(n^6) \rightarrow T/F$

3) $\Theta\left(\frac{\log n}{\log n}\right) = O(n^5) \rightarrow T/F$

And \rightarrow false

4)
$$\frac{1}{n} = \frac{\theta(n)}{-} \frac{T}{F}$$
And False