$$(1+(n-1)-n-2)$$

$$Version$$
): (1st, 0, n-1) (2)

(1st, 1, n-1) (2)

$$T(n) = 2 \cdot (n-1) + 1 = 2n-1 = \Theta(n)$$

$$T(n) = 3 \times (1+2+4+8+-+2^{n-1}) + 2^{n-1} + 2^{n-1}$$

$$= 2^{n+2} - 3 = 6(2^n)$$

$$T(n) = 2(\log n + 1) + 1 = 2\log n + 3 = \Theta(\log n)$$

$$T(n) = 1 + 1 + 2 + 4 + - + N + \log N + 1$$

$$= 2N + \log N = \frac{1}{2}(n)$$