$$O(1) = O(\mathfrak{S})$$
 $O(\log(n)) = O(\mathfrak{S})$
 $O((\log(n))^c) = O(\mathfrak{S})$
 $O(n) = O(\mathfrak{S})$

$$O(n) = O(\mathfrak{G})$$

$$O(n \log(n)) = O(\mathfrak{G})$$

$$O(n\log(n)) = O(\mathfrak{Q})$$

$$O(n^{1.5}) = O(\mathfrak{Q})$$

$$O(n^{1.5}) = O(\mathfrak{S})$$

$$O(n^2) = O(\mathfrak{S})$$

$$O(n^{1.5}) = O(\mathfrak{S})$$
$$O(n^2) = O(\mathfrak{S})$$

$$O(n^{1:0}) = O(\mathfrak{S})$$
$$O(n^2) = O(\mathfrak{S})$$

$$O(n^2) = O(\Theta)$$

$$O(n^2) = O(\mathfrak{S})$$
$$O(n^c) = O(\mathfrak{S})$$

 $O(c^n) = O(\mathfrak{S})$ $O(n!) = O(\mathbf{Q})$