$$\mathcal{O}(1) = \mathcal{O}(\textcircled{2})$$

$$\mathcal{O}(\log(n)) = \mathcal{O}(\textcircled{3})$$

$$\mathcal{O}((\log(n))^c) = \mathcal{O}(\textcircled{3})$$

$$\mathcal{O}(n) = \mathcal{O}(\textcircled{2})$$

$$\mathcal{O}(n\log(n)) = \mathcal{O}(\textcircled{2})$$

$$\mathcal{O}(n^{1.5}) = \mathcal{O}(\textcircled{2})$$

$$\mathcal{O}(n^2) = \mathcal{O}(\textcircled{2})$$

$$\mathcal{O}(n^c) = \mathcal{O}(\textcircled{2})$$

$$\mathcal{O}(c^n) = \mathcal{O}(\textcircled{2})$$

$$\mathcal{O}(c^n) = \mathcal{O}(\textcircled{2})$$

$$\mathcal{O}(n^n) = \mathcal{O}(\textcircled{2})$$