

Assignment 1: Question 4

Algorithms

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1. $\frac{1}{n}$

2. $\log_2(n)$

3. $50n^{0.5}$ and $12\sqrt{n}$

4. $n^{0.51}$

5. $2^{32}n$

6. $n\log_2(n)$

7. $n^2 - 324$ and $100n^2 + 6n$

8. $2n^3$

9. $n^{\log_2(n)}$

10. 3^n