

Worksheet 13 Solution

March 22, 2020

Question 1

- a. **Exact number of iterations:** n
Simplest theta expression: $f_1 \in \Theta(n)$
- b. **Exact number of iterations:** $n - 4$
Simplest theta expression: $f_2 \in \Theta(n)$
- c. **Exact number of iterations:** n
Simplest theta expression: $f_3 \in \Theta(n)$

Question 2

Question 3