

# Worksheet 14 Solution

March 25, 2020

## Question 1

a. **Inner Loop:**  $n$

**Outer Loop:**  $n - 5$

**Theta Expressions:**  $\Theta(n^2)$

b. **Inner Loop:**  $\frac{n}{3} + (n - 2)$

**Outer Loop:**  $n - 4$

**Theta Expressions:**  $\Theta(n^2)$

## Question 2