

Video Set Introduction

SAGE

```

1  nameCheck = function(a,b) {
2      return a.toLowerCase() != b.toLowerCase();
3  };

```

Before watching the video, think about and answer these questions to the best of your ability. Your answer will always be recorded as correct, regardless of your answer choice.

Problem 1 Determine an antiderivative of the function $f(x) = 5(x)$ ☐

Problem 2 What is the general antiderivative of x^4 ☐

Problem 3 Evaluate $\int_2^6 \cos(x) dx$ ☐

Learning outcomes:
Author(s):