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 *The rate (in liters per minute) at which water drains from a tank is recorded at half-minute intervals. Use the data below to estimate the total amount of water drained during the first 3 min.*

Table 1: Time and Rate

t (minutes)	0	0.5	1	1.5	2	2.5	3
Rate (liters/minute)	40	38	36	34	32	30	28

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Learning outcomes:
Author(s):