**Pick Your Battles**

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# 2. Algorithms

## 2.1. The way out

For this challenge I would use the A\* algorithm because it is one of the best path finding algorithms. I will solve this in a project

## 2.2. Send more money!

For this challenge I would create a dictionary that stores if a letter has an equation (letters in string3) and if they are inputs (letters in string1/2) then an algorithm will try and find contradictions by testing in reverse order. First the length of string3 is checked to be the same length ore one longer than string1/2

## 2.3. From X to Y

## 2.4. Shortest paths

## 2.5. Longest Common Subsequence