## This is a title

Name of the document

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November 17, 2023

1. This is the question.

## Proof 1.

2. This is the question.

## Disproof 2.

 $\Im$ . This is the question.

Answer 3.

3

}

```
Answer.m
    % Plot function f(x) = 2*x^3 - x - 2
1
2
    ezplot('2*x^3-x-2', [0, 2])
   hold on
3
4
    plot([0, 2], [0, 0], 'r')
    def __self__(self):
1
2
    for i in range(10):
3
       print(f"This number is {i}.")
1
    public static void main(String[] args) {
       System.out.println("Hello World!"); // comment
2
```

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```
Algorithm 1: Bisection Algorithm
```

```
Input: a, b, M, \delta, \varepsilon
   u \leftarrow f(a)
   b \leftarrow f(b)
   e \leftarrow b - a
   Output: output
 1 begin
        if sign(u) = sign(v) then
 2
         stop
 3
        for k=1 to M do
 4
            e \leftarrow e/2
 5
             c \leftarrow a + e
 6
             w \leftarrow f(c)
 7
             return k, c, w, e
 8
             if |e| < \deltaor |w| < \varepsilon then
 9
              stop
10
             if sign(u) \neq = sign(v) then
11
                 b \leftarrow c
12
                 v \leftarrow w
13
             else
14
                  a \leftarrow c
15
16
                 u \leftarrow w
```