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Question A

List the names of one-input and two-input logic gates, excluding XOR and XNOR.

```
One-input logic gates:
NOT (or "inverter")

Two-input logic gates:
AND
OR
NAND
NOR
```

Question B

What is the difference between OR and XOR gate?

```
The OR gate produces a high output (1) if any of its inputs is high. The XOR gate produces a high
    output if either, but not both, of its inputs is high.
```

Question C

Can we have more than two-input gates?

```
Yes, there are a variety of mult-input gates available. For example, three-input AND gates, four-
    input OR gates, and seven-input NAND gates are all available.
```

Question D

What is the purpose of "bubble pushing"?

```
Bubble pushing is a strategy that is used by investors to temporarily increase the price of a stock
    . It involves buying large amounts of shares of a stock and then selling them as soon as the
    price rises due to the increased demand. This can create an artificial short-term increase in
    the price of the stock, which can then be used to generate a profit for the investor.
```

Execution Time

```
0:00:15.774724
```

OpenAI Parameters

Model: text-davinci-003, Max. Tokens: 1024, Temperature: 1, N: 1