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KarenWest ▼

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**How to Use Jade**

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## COMBINATIONAL V. SEQUENTIAL CIRCUITS

| | |
|---|---|
| **0:00 / 2:38** | **1.0x** |

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## LATCHES

**Help**

**6:55 / 6:57**                                                                  **1.0x**

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## 1. CHECK YOUR UNDERSTANDING  (1/1 point)

The RS inputs to an R-S latch are first 01, then 11, and then 10. Which of the following will be the output of Q (Please see resource above)?

- ◉ 0, then, 0, and then 1  ✔
- ○ 0, then, 1, and then 1
- ○ 1, then, 0, and then 0
- ○ 1, then, 1, and then 0

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**EXPLANATION**

RS = 01 causes a reset operation, or an output of 0. RS = 11 retains the current output. RS = 10 causes a set operation, or an output of 1.

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**Hide Answer**        *You have used 2 of 2 submissions*

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