# CGJ008

## Big-O Quiz

|  |  |  |  |
| --- | --- | --- | --- |
| **Function** | **f(n)** | **~** | **O()** |
| A | 2n+1 | ~2n | O(n) |
| B | 2n | ~2n | O(n) |
| C |  | ~ | O |
| D |  | ~ | O |
| E | 1 | ~1 | O(1) |
| F |  | ~ | O(n) |
| G | 2n+2 | ~2n | O(n) |
| H | ⌈Log₂ n⌉ + 1 | ~Log₂ n | O(Log₂ n) |
| I |  | ~2n | O(n) |
| J | +n | ~n | O(n ) |
| K |  | ~ | O() |
| L |  | ~Log₂ n | O(Log₂ n) |
| M |  |  |  |
| N | Log₂ n | ~Log₂ n | O(Log₂ n) |
| O |  | ~ | O |
| P |  | ~ | O |
| Q |  | ~ | O |
| R |  | ~n | O(n) |
| S |  | ~ | O |
| T |  | ~ | O |
| U |  |  |  |
| V |  |  |  |
| W |  |  |  |
| X |  |  |  |
| Y |  |  |  |
| Z |  |  |  |

⌈x⌉