**Time complexity**

|  |  |  |
| --- | --- | --- |
| **Time complexity** | **Big-O notation** | **Example algorithms** |
| Constant |  |  |
| Logarithmic |  |  |
| Linear |  |  |
| Polynomial |  |  |
| Exponential |  |  |
| Factorial |  |  |

**Tractable, intractable and unsolvable problems**

|  |  |
| --- | --- |
| Tractable problem |  |
| Intractable problem |  |
| Heuristic algorithm |  |
| Unsolvable problem |  |
| Halting problem |  |