1. 10 – 4 / 3 + 7

|  |  |  |
| --- | --- | --- |
| **Token** | **Postfix** | **Stack** |
| 10 | 10 |  |
| - | 10 | - |
| 4 | 10 4 | -/ |
| / | 10 4 | -/ |
| 3 | 10 4 3 | -/ |
| + | 10 4 3 / - | + |
| 7 | 10 4 3 / - 7 | + |
|  | **10 4 3 / - 7 +** |  |

1. (10 – 4) / 3 + (4 + 5) \* 7

|  |  |  |
| --- | --- | --- |
| **Token** | **Postfix** | **Stack** |
| ( |  | ( |
| 10 | 10 | ( |
| - | 10 | ( - |
| 4 | 10 4 | ( - |
| ) | 10 4 - |  |
| / | 10 4 - | / |
| 3 | 10 4 – 3 | / |
| + | 10 4 – 3 / | + |
| ( | 10 4 – 3 / | + ( |
| 4 | 10 4 – 3 / 4 | + ( |
| + | 10 4 – 3 / 4 | + ( + |
| 5 | 10 4 – 3 / 4 5 | + ( + |
| ) | 10 4 – 3 / 4 5 + | + |
| \* | 10 4 – 3 / 4 5 + | + \* |
| 7 | 10 4 – 3 / 4 5 + 7 | + \* |
|  | **10 4 – 3 / 4 5 + 7 \* +** |  |