( 3 + 4-5 /7 ) \* (6/8-(5\*7^4) \*1) -4 /8

|  |  |  |
| --- | --- | --- |
| i/p | Stack | o/p |
| ( | ( |  |
| 3 | ( | 3 |
| + | (+ | 3 |
| 4 | (+ | 34 |
| - | (- | 34+ |
| 5 | (- | 34+5 |
| / | (-/ | 34+5 |
| 7 | (-/ | 34+57 |
| ) |  | 34+57/- |
| \* | \* | 34+57/- |
| ( | \*( | 34+57/- |
| 6 | \*( | 34+57/-6 |
| / | \*(/ | 34+57/-6 |
| 8 | \*(/ | 34+57/-68 |
| - | \*(- | 34+57/-68/ |
| ( | \*(-( | 34+57/-68/ |
| 5 | \*(-( | 34+57/-68/5 |
| \* | \*(-(\* | 34+57/-68/5 |
| 7 | \*(-(\* | 34+57/-68/57 |
| ^ | \*(-(\*^ | 34+57/-68/57 |
| 4 | \*(-(\*^ | 34+57/-68/574 |
| ) | \*(- | 34+57/-68/574^\* |
| \* | \*(-\* | 34+57/-68/574^\* |
| 1 | \*(-\* | 34+57/-68/574^\*1 |
| ) | \* | 34+57/-68/574^\*1\*- |
| - | - | 34+57/-68/574^\*1\*-\* |
| 4 | - | 34+57/-68/574^\*1\*-\*4 |
| / | -/ | 34+57/-68/574^\*1\*-\*4 |
| 8 | -/ | 34+57/-68/574^\*1\*-\*48 |
|  |  | 34+57/-68/574^\*1\*-\*48/- |