

$$1. \ 4 + ((3 + 1) * 3)$$

Please enter an mathematical experssion:

4+((3+1)\*3)

Processing steps:

3 + 1

4 \* 3

4 + 12

Calculating result: 16

Representation of the expression tree

Inordor printing:

4, +, 3, +, 1, \*, 3,

Peroder pringing:

+, 4, \*, +, 3, 1, 3,

Postoder pringing:

4, 3, 1, +, 3, \*, +,

$$2. \ (((3 + 1) * 3) / (3 * (7 - 4))) - (((9 - 5) + 2) + 6)$$

Please enter an mathematical experssion:

((((3+1)\*3)/(3\*(7-4)))-(((9-5)+2)+6)

Processing steps:

3 + 1

4 \* 3

7 - 4

3 \* 3

12 / 9

9 - 5

4 + 2

6 + 6

1.33333 - 12

Calculating result: -10.6667

Representation of the expression tree

Inordor printing:

3, +, 1, \*, 3, /, 3, \*, 7, -, 4, -, 9, -, 5, +, 2, +, 6,

Peroder pringing:

-, /, \*, +, 3, 1, 3, \*, 3, -, 7, 4, +, +, -, 9, 5, 2, 6,

Postoder pringing:

3, 1, +, 3, \*, 3, 7, 4, -, \*, /, 9, 5, -, 2, +, 6, +, -,