

**File:** **Infix:**

\* 111 + 30 ==> 111 30 + ==> 141.0

\* 5 + 3 \* 4.5 ==> 5 3 4.5 \* + ==> 18.5

\* ( 15 + 3 ) \* ( 4 ^ 2 ) ==> 15 3 + 4 2 ^ \* ==> 288.0

**Postfix:**

\* 2 30 4 \* + ==> + 2 \* 30 4 ==> 122.0

\* 3 4 \* 2 5 \* + ==> + \* 3 4 \* 2 5 ==> 22.0

\* 12 3 - 4 + 5 6 \* - ==> - + - 12 3 4 \* 5 6 ==> -17.0

\* 2.5 3 - 4 + 5 6 7 \* + \* ==> \* + - 2.5 3 4 + 5 \* 6 7 ==> 164.5

**File:** **Infix:**

$*(2 - 3 + 4) * (5 + 6 * 7) ==> 2\ 3 - 4 + 5\ 6\ 7 * + * ==> 141.0$

$* 2 - 3 + 4 - 5 * 6 ==> 2\ 3 - 4 + 5\ 6 * - ==> -27.0$

**Postfix:**

$* 10\ 2\ 55 * + 3 - ==> - + 10 * 2\ 55\ 3 ==> 117.0$

$* 2\ 3\ 1.5 * + 9 - ==> - + 2 * 3\ 1.5\ 9 ==> -2.5$

**File:****C:\Users\twitter\OneDrive\Desktop\University\3\_third year\term 5\data structuer...****Load****Infix:** $* 5 + 20 ==> 5 20 + ==> 25.0$  $* 5 + 3 * 4.5 ==> 5 3 4.5 * + ==> 18.5$  $* ( 15 + 3 ) * ( 4 ^ 2 ) ==> 15 3 + 4 2 ^ * ==> 288.0$ **Postfix:** $* 2 30 5 * + ==> + 2 * 30 5 ==> 152.0$  $* 3 4 * 2 5 * + ==> + * 3 4 * 2 5 ==> 22.0$  $* 12 3 - 4 + 5 6 * - ==> - + - 12 3 4 * 5 6 ==> -17.0$  $* 2.5 3 - 4 + 5 6 7 * + * ==> * + - 2.5 3 4 + 5 * 6 7 ==> 164.5$ **Prev****Next**

**File:** `C:\Users\twitter\OneDrive\Desktop\University\3_third year\term 5\data structuer...`**Load****Infix:**
$$* ( 2 - 3 + 7 ) * ( 5 + 6 * 7 ) ==> 2\ 3 - 7 + 5\ 6\ 7 * + * ==> 282.0$$
$$* 2 - 3 + 4 - 5 * 6 ==> 2\ 3 - 4 + 5\ 6 * - ==> -27.0$$
**Postfix:**
$$* 10\ 2\ 8 * + 3 - ==> - + 10 * 2\ 8\ 3 ==> 23.0$$
$$* 2\ 3\ 1.5 * + 9 - ==> - + 2 * 3\ 1.5\ 9 ==> -2.5$$
**Prev****Next**

**File:****C:\Users\twitter\OneDrive\Desktop\University\3\_third year\term 5\data structuer...****Load****Infix:** $* 8 + 30 ==> 8\ 30 + ==> 38.0$  $* 5 + 3 * 4.5 ==> 5\ 3\ 4.5 * + ==> 18.5$  $* ( 15 + 3 ) * ( 4 ^ 2 ) ==> 15\ 3 + 4\ 2 ^ * ==> 288.0$ **Postfix:** $* 2\ 30\ 4 * + ==> + 2 * 30\ 4 ==> 122.0$  $* 3\ 2 * 2\ 5 * + ==> + * 3\ 2 * 2\ 5 ==> 16.0$  $* 12\ 3 - 4 + 5\ 6 * - ==> - + - 12\ 3\ 4 * 5\ 6 ==> -17.0$  $* 2.5\ 3 - 4 + 5\ 6\ 7 * + * ==> * + - 2.5\ 3\ 4 + 5 * 6\ 7 ==> 164.5$ **Prev****Next**

**File:**`C:\Users\twitter\OneDrive\Desktop\University\3_third year\term 5\data structuer...`**Load****Infix:**
$$* ( 2 - 3 + 4 ) * ( 5 + 6 * 7 ) ==> 2\ 3 - 4 + 5\ 6\ 7 * + * ==> 141.0$$
$$* 2 - 3 + 4 - 5 * 6 ==> 2\ 3 - 4 + 5\ 6 * - ==> -27.0$$
**Postfix:**
$$* 10\ 2\ 8 * + 3 - ==> - + 10 * 2\ 8\ 3 ==> 23.0$$
$$* 2\ 3\ 1.5 * + 9 - ==> - + 2 * 3\ 1.5\ 9 ==> -2.5$$
**Prev****Next**