

Welcome to the equation builder!

Starting equation:  $a + a$

Enter in a number: 1

Enter in a number: 2

Equation built:  $1 + 2$

Starting equation:  $((b - b)^2 + (b - b)^2)^{1/2}$

Sub-equation:  $(b - b)^2 + (b - b)^2$

Sub-equation:  $b - b$

Enter in a variable: x1

Enter in a variable: x2

Sub-equation:  $b - b$

Enter in a variable: x3

Enter in a variable: x4

Equation built:  $((x1 - x2)^2 + (x3 - x4)^2)^{1/2}$

Starting equation:  $a + b$

Enter in a number: 1

Enter in a variable: x1

Equation built:  $1 + x1$

```
Starting equation:  $ab + (b - b / a(a + a))$ 

Enter in a number: 1
Enter in a variable: x1
Sub-equation:  $b - b / a(a + a)$ 
    Enter in a variable: x2
    Enter in a variable: x3
    Enter in a number: 12
    Sub-equation:  $a + a$ 
        Enter in a number: 23
        Enter in a number: 34

Equation built:  $1x1 + (x2 - x3 / 12(23 + 34))$ 
```

```
Starting equation:  $(a ^ a) + (a - a + b)$ 

Sub-equation:  $a ^ a$ 
    Enter in a number: 12
    Enter in a number: 23
Sub-equation:  $a - a + b$ 
    Enter in a number: 34
    Enter in a number: 45
    Enter in a variable: x1

Equation built:  $(12 ^ 23) + (34 - 45 + x1)$ 
```

```
Starting equation:  $ab$ 

Enter in a number: 12
Enter in a variable: x1

Equation built:  $12x1$ 
```