

```
a = 5  
b = 10
```

```
print a + b
```

```
15
```

```
print a, b
```

```
5 10
```

```
print float(a)
```

```
5.0
```

```
a = 5  
b = 10
```

```
print a + float(b)
```

```
15.0
```

```
print a * 1.0
```

```
5.0
```

```
print str(a) + str(b)
```

```
510
```

Особенности математики в Python

```
print 5 / 2
```

2

```
print -5 / 2
```

-3

```
a = 5
```

```
b = 2
```

```
print a / b
```

```
2
```

```
print float(a) / b
```

```
2.5
```

```
print a / float(b)
```

```
2.5
```

```
print a * 1.0 / b
```

```
2.5
```

```
print a / b * 1.0
```

```
2.0
```

Задания

```
a=raw_input()
b=raw_input()
c=raw_input()
print int(a)+int(b)+int(c)
```

5

8

3

16

```
# -*- coding: utf-8 -*-
print "Введите первое число"
a = raw_input()
print "Введите второе число"
b = raw_input()
print "Введите третье число"
c = raw_input()
print "Сумма чисел =",
int(a)+int(b)+int(c)
```

Оптимизация

```
a = raw_input ()
```

```
b = raw_input ()
```

```
print int (a) + int (b)
```

```
print int (a) - int (b)
```

```
print int (a) * int (b)
```

```
a = int (raw_input ())
```

```
b = int (raw_input ())
```

```
print a + b
```

```
print a - b
```

```
print a * b
```

Сокращения

$$a = 0$$

$$a = a + 50$$

$$a = a - 10$$

$$a = a * 3$$

$$a = a / 2$$



$$a += 50$$

$$a -= 10$$

$$a *= 3$$

$$a /= 2$$

```
print True and False
```

```
False
```

```
print True and True
```

```
True
```

```
print True or False
```

```
True
```

```
print not True
```

```
False
```

	a	b	a and b
И	0	0	0
	0	1	0
	1	0	0
	1	1	1

	a	b	a or b
И	0	0	0
	0	1	1
Л	1	0	1
	1	1	1

	a	not a
Н	0	1
	1	0