



3 # => 3 (int)

3.0 (float) # == 3.0 (float)

1

1

#

=>

2

81#=>

$$10 \neq 20$$

$$525 \# \Rightarrow 2.5$$

13 4 # = > 3.25



930 # => 3.0

7/1.4#=>5.0

7 3 #=> 2 (integer division)

$$7 \div 3 \# \Rightarrow 1 \text{ (integer modulus)}$$

24 # => 16 (exponentiation)





# Numbers and Math

Python has two numeric types  
`int` and `float`

<code>3</code>	<code># =&gt; 3 (int)</code>
<code>3.0</code>	<code># =&gt; 3.0 (float)</code>
<code>1 + 1</code>	<code># =&gt; 2</code>
<code>8 - 1</code>	<code># =&gt; 7</code>
<code>10 * 2</code>	<code># =&gt; 20</code>
<code>5 / 2</code>	<code># =&gt; 2.5</code>
<code>13 / 4</code>	<code># =&gt; 3.25</code>
<code>9 / 3</code>	<code># =&gt; 3.0</code>
<code>7 / 1.4</code>	<code># =&gt; 5.0</code>
<code>7 // 3</code>	<code># =&gt; 2 (integer division)</code>
<code>7 % 3</code>	<code># =&gt; 1 (integer modulus)</code>
<code>2 ** 4</code>	<code># =&gt; 16 (exponentiation)</code>



# Booleans