

Scratch

Variables.

$$x + 2 = 3 + 2 \\ = 5.$$

x | ~~3~~ 7

y | 5

ONLY variables +  
their value.

$$\begin{aligned}y+x \\&= 5+8 \\&= 13\end{aligned}$$

$$y-3 = 13-3 = 10$$

x		<del>5</del>	8
y		<del>5</del>	13
z			10

Scratch	variables
$b * a$	a   7
$\rightarrow b = b * a$	b   <del>7</del> 14
$b * a = 2 * 7 = 14$	c   <del>2</del> 100
$a + b = 7 + 14 = 21$	
$a < b$	
$\rightarrow 7 < 14 \rightarrow \text{true.}$	

Scratch	Variable,
$s > t$	s   'hi'
$\rightarrow \text{'hi'} > \text{'bye'}$	t   <del>'bye'</del> '???'
$\rightarrow \text{true.}$	u   <del>'hello'</del> 'seeya'

Scratch

Function Stack

~~f | (x) | 3~~

~~g | z | 9~~

~~g | z | 15~~

$z * 3 = 3 * 3 = 9$

$x + z = 3 + 2 = 5$

Printed output

9

15

3