



Class Method

Expressions

Computing with Primitive Types

- For the primitive types `int`, `double`, and `boolean`, Java supports a notation for expressions that appeals to the one that we use in arithmetic and algebra courses.
- For example, we can write
 - `10 * 12.50`
 - `width + height`
 - `Math.PI * radius`

Arithmetic and Relation Operators

Symbol	Parameter types	Result	Example	
+	numeric, numeric	numeric	$x + 2$	addition
-	numeric, numeric	numeric	$x - 2$	subtraction
*	numeric, numeric	numeric	$x * 2$	multiplication
/	numeric, numeric	numeric	$x / 2$	division
%	integer, integer	integer	$x \% y$	modulo

>	numeric, numeric	boolean	$x > 2$	greater than
>=	numeric, numeric	boolean	$x \geq 2$	greater or equal
<	numeric, numeric	boolean	$x < 2$	less than
<=	numeric, numeric	boolean	$x \leq 2$	less or equal
==	numeric, numeric	boolean	$x == 2$	equal
!=	numeric, numeric	boolean	$x != 2$	not equal