

## Basic Operators

+  $\equiv$  plus

-  $\equiv$  minus

\*  $\equiv$  multiply

/  $\equiv$  divide

%  $\equiv$  remainder

Class Work: class BasicOps (pg. 3)

### Increment and decrement operators:

++  $\equiv$  increment

--  $\equiv$  decrement

i++  $\equiv$  evaluate i, then increment

++i  $\equiv$  increment i, then evaluate

i--  $\equiv$  evaluate i, then decrement

--i  $\equiv$  decrement i, then evaluate

### Shortcut operators:

`+=`      `a += 5;`    is equivalent to    `a = a + 5;`

`-=`      `a -= 5;`    is equivalent to    `a = a - 5;`

`*=`      `a *= 5;`    is equivalent to    `a = a * 5;`

`/=`      `a /= 5;`    is equivalent to    `a = a / 5;`

Class Work: class Shortcut (Pg. 5)

### Logic Operators:

`&&`  $\equiv$  logical and

`||`  $\equiv$  logical or

<code>T &amp;&amp; T</code>	$\equiv$ true
<code>T &amp;&amp; F</code>	$\equiv$ false
<code>F &amp;&amp; T</code>	$\equiv$ false
<code>F &amp;&amp; F</code>	$\equiv$ false

<code>T    T</code>	$\equiv$ true
<code>T    F</code>	$\equiv$ true
<code>F    T</code>	$\equiv$ true
<code>F    F</code>	$\equiv$ false