

## **BOOLEAN EXERCISES**

### *Summer in JAPAN 2016: Computer Science Workshop*

Evaluate the Boolean expressions to either true or false.

	When...	True or False?
1.) $3 < 8$		True
2.) $x \geq 15$	$x = 14$	False
3.) $x \leq 14$ AND $y < 12$	$x = 14, y = 7$	True
4.) $x < 6$ OR $y < 12$	$x = 5, y = 12$	True
5.) $(x < 3$ OR $y > 5)$ AND $(x + y == 6)$	$x = 2, y = 4$	True
6.) NOT $(x < 5)$	$x = 4$	False

## **SNAP! BOOLEAN EXERCISES**

	When...	T or F?
7.) 		<i>True</i>
8.) 	 <i>(pressed)</i>	<i>True</i>
9.) 	 <div style="border: 1px solid black; padding: 5px; text-align: center;">SPACE BAR</div> <i>(pressed)</i>	<i>False</i>
10.)  <i>Hint: Count the number of letters in each word.</i>		<i>True</i>