

Properties of Inequality Handout

Inequality Symbols :

$>$ **Greater Than**

\geq **Greater Than or Equal To**

(The line underneath the Greater Than sign indicates also Equal To.)

$<$ **Less Than**

\leq **Less Than or Equal To**

(The line underneath the Less Than sign indicates also Equal To.)

Graphing Inequality Symbols :

$\circ \longrightarrow$ **Greater Than**

(The open circle indicates that this is **NOT EQUAL TO** the number that is graphed.)

$\bullet \longrightarrow$ **Greater Than or Equal To**

(The closed circle indicates that this is **EQUAL TO** the number that is graphed.)

$\longleftarrow \circ$ **Less Than**

(The open circle indicates that this is **NOT EQUAL TO** the number that is graphed.)

$\longleftarrow \bullet$ **Less Than or Equal To**

(The closed circle indicates that this is **EQUAL TO** the number that is graphed.)

