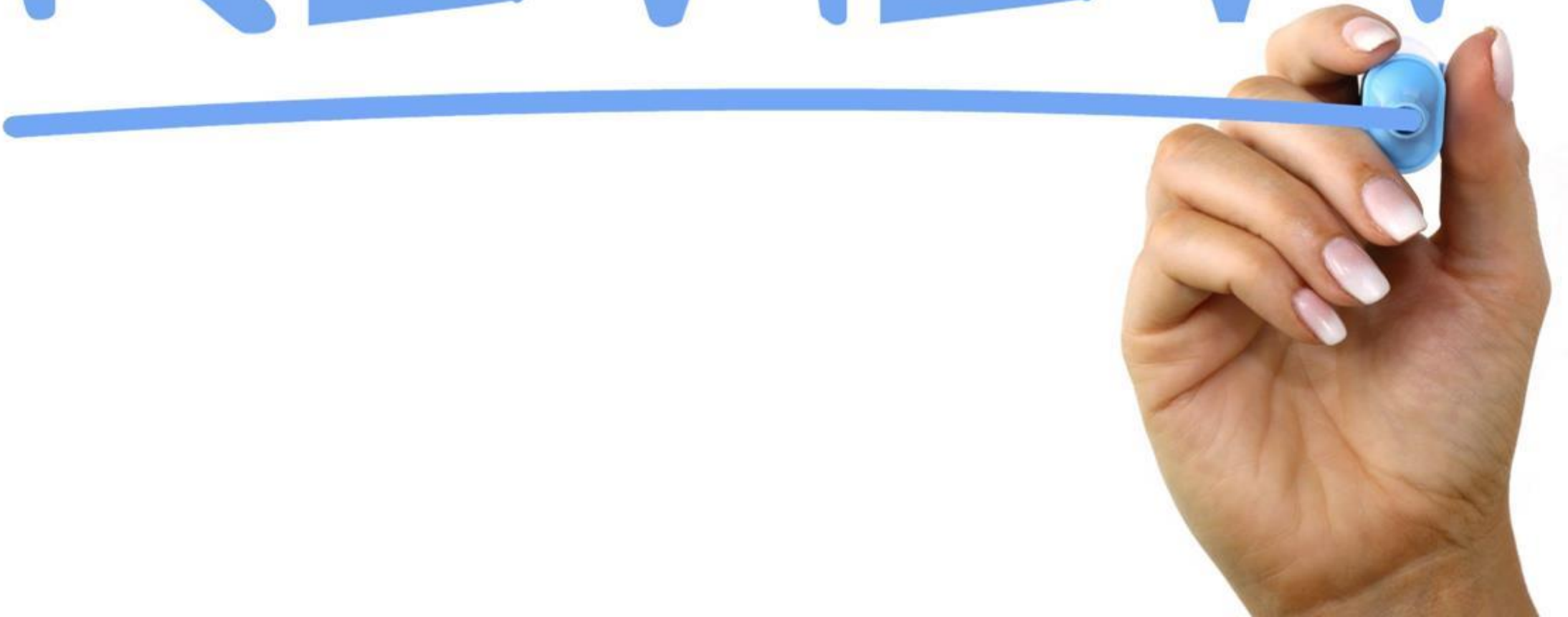


REVIEW



INEQUALITY SYMBOLS

$<$: **Less Than**

$>$: **Greater Than**

\leq : **Less Than or Equal To**

\geq : **Greater Than or Equal To**

INEQUALITY SYMBOLS

$<$: Less Than - Shade to the **LEFT** ; **OPEN** Dot

$>$: Greater Than - Shade to the **RIGHT** ; **OPEN** Dot

\leq : Less Than or Equal To – Shade to the **LEFT** ; **CLOSED** Dot

\geq : Greater Than or Equal To – Shade to the **RIGHT** ; **CLOSED** Dot



**Using Interval Notation
to
Describe Inequalities**

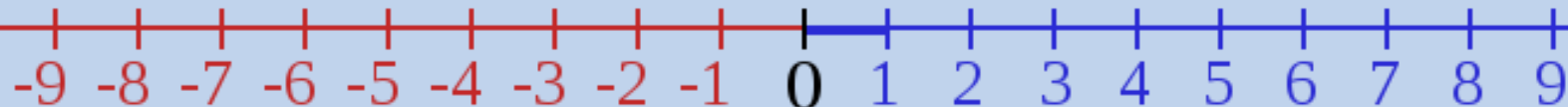
INTERVAL NOTATION SYMBOLS

$<$ or $>$: Use Parentheses

\leq or \geq : Use Brackets

$+\infty$ or $-\infty$: Use Parentheses

$-\infty$



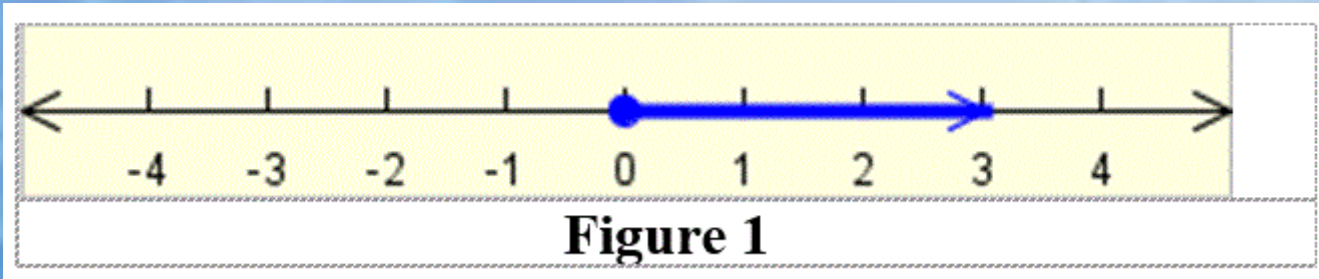
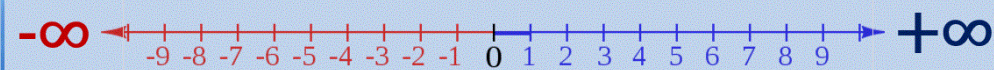
$+\infty$

Using Interval Notation

$<$ or $>$: Use Parentheses

\leq or \geq : Use Brackets

$+\infty$ or $-\infty$: Use Parentheses



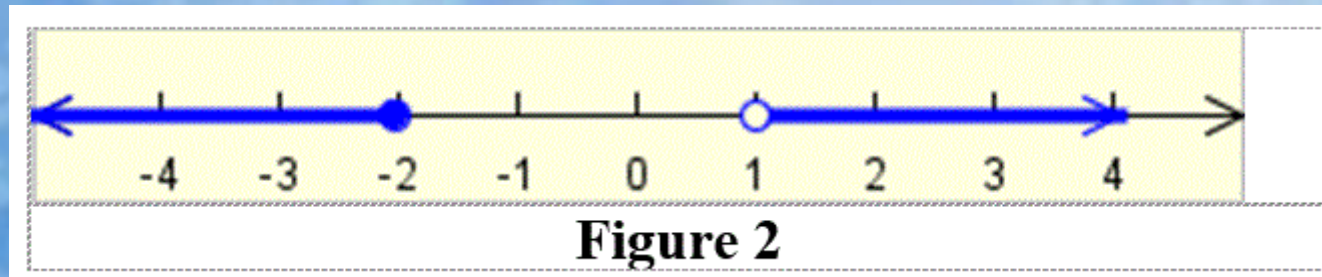
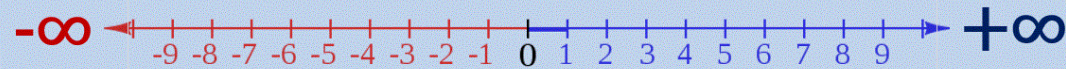
$[0, +\infty)$

Using Interval Notation

$<$ or $>$: Use Parentheses

\leq or \geq : Use Brackets

$+\infty$ or $-\infty$: Use Parentheses



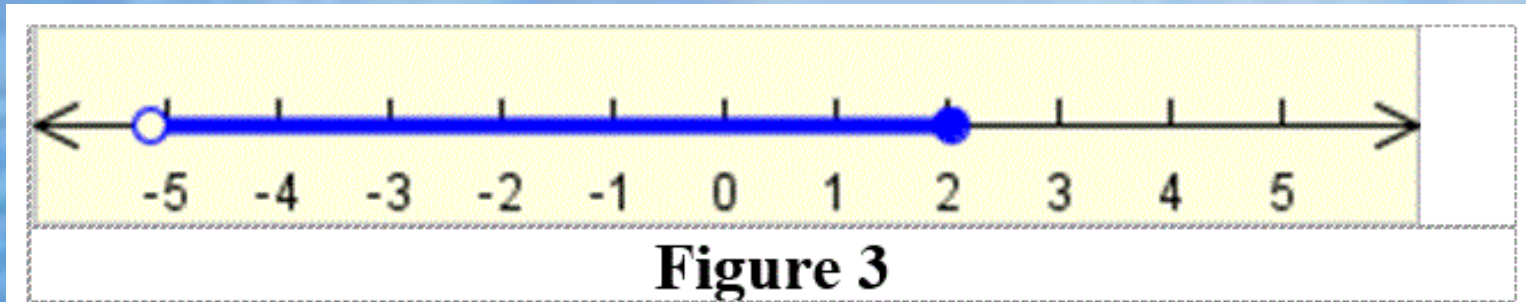
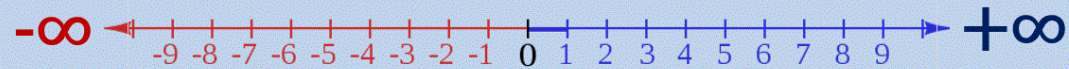
$$(-\infty, -2] \cup (1, +\infty)$$

Using Interval Notation

$<$ or $>$: Use Parentheses

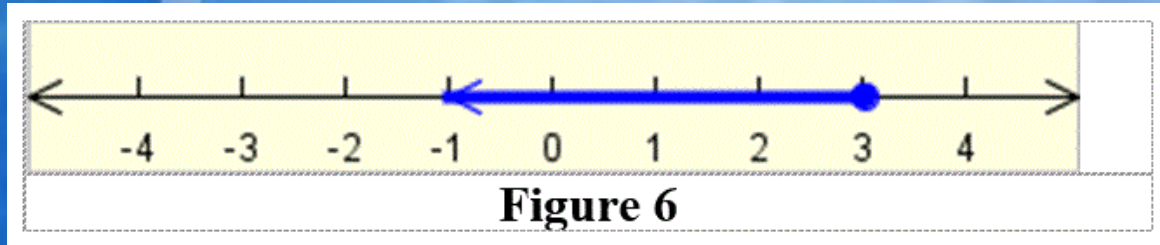
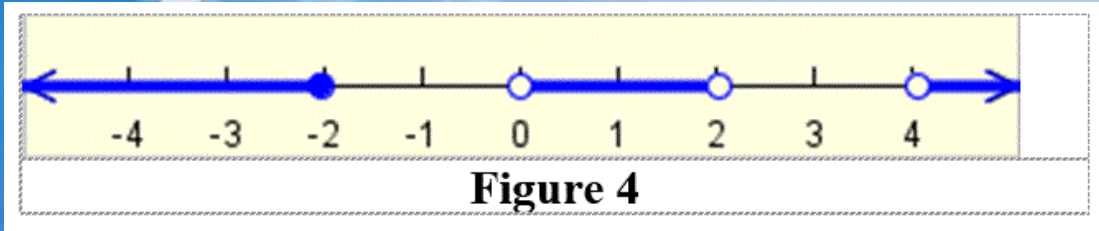
\leq or \geq : Use Brackets

$+\infty$ or $-\infty$: Use Parentheses



$(-5, -2]$

ON YOUR OWN



$<$ or $>$: Use Parentheses

\leq or \geq : Use Brackets

$+\infty$ or $-\infty$: Use Parentheses

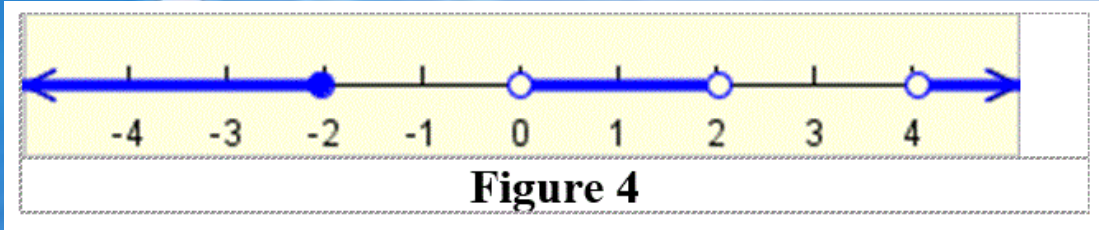


ON YOUR OWN

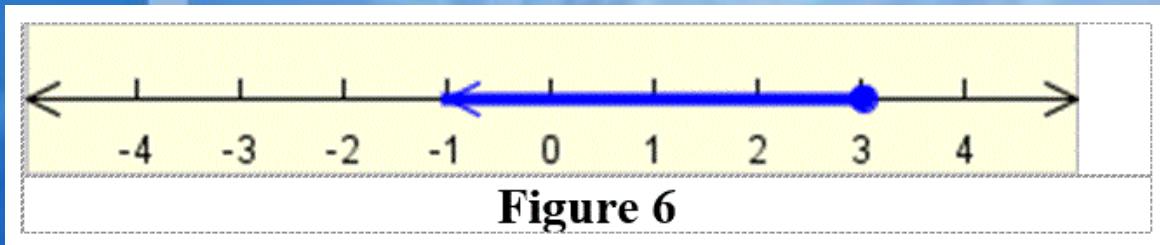
$<$ or $>$: Use Parentheses

\leq or \geq : Use Brackets

$+\infty$ or $-\infty$: Use Parentheses



$$(-\infty, -2] \cup (0, 2) \cup (4, +\infty)$$



$$(-\infty, 3]$$