

## Solving and Graphing Inequalities Quiz

Match each word to the correct inequality symbol

Word Bank:

Greater than

Greater than or equal to

Less than

Less than or equal to

<

≤

>

≥

Match each inequality symbol with the correct type of circle

Inequality Bank:

<

>

≤

≥

Open Circle:



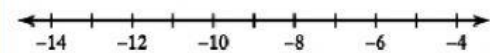
Closed Circle:



Solve and graph each inequality

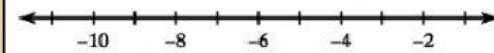
$$3x > -36$$

\_\_\_ > \_\_\_



$$x + 15 \leq 9$$

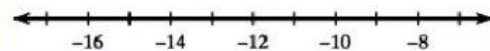
\_\_\_ ≤ \_\_\_



$$\frac{x}{3} + 7 \geq 2$$

\_\_\_ ≥ \_\_\_

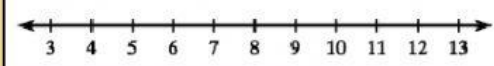
\_\_\_ ≥ \_\_\_



$$6x - 7 < 47$$

\_\_\_ < \_\_\_

\_\_\_ < \_\_\_



Graphing Tool Kit:

