

## 7.5B GRAPHING INEQUALITIES

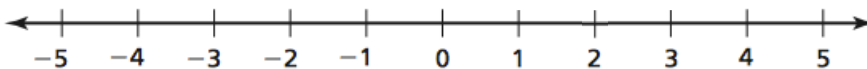
Guided Notes

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The **graph of an inequality** shows \_\_\_\_\_ of the inequality on a \_\_\_\_\_  
An \_\_\_\_\_ circle  $\circ$  is used when a number is \_\_\_\_\_  
A \_\_\_\_\_ circle  $\bullet$  is used when a number \_\_\_\_\_ An \_\_\_\_\_ to the  
left or right shows that the graph \_\_\_\_\_ in that direction.

### EXAMPLE 3 Graphing an Inequality

Graph  $g > 2$ .



### EXAMPLE 4 Real-Life Application

The NASA Solar Probe Plus can withstand temperatures up to and including  $2600^{\circ}\text{F}$ . Write and graph an inequality that represents the temperatures the probe can withstand.

**Words**

**Variable**

**Inequality**

••• An inequality is

