How to Graph an Inequality

Step 1

Put zero & # in inequality on the graph.

Step 2

Put a dot on the # in the inequality. For this example, the dot is not colored in because h can't be 7.

Step 3

The darkened in arrow represents all of the possibilities for h.

In this example, h can be any number greater than 7.
Proof: h > 7
8 > 7

For this example, the dot is colored in because h can be 7.

In this example, h can be any number less than 7.
Proof: h ≤ 7
3 < 7