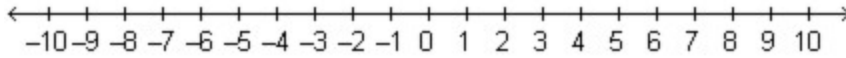


6.EE.8 STUDY GUIDE

1.  **Use pencil and paper to answer the question.**

Graph the solution set for $g > -5$ on the number line below.



2.  **Use pencil and paper to answer the question.**

Write an inequality to represent the following situation:

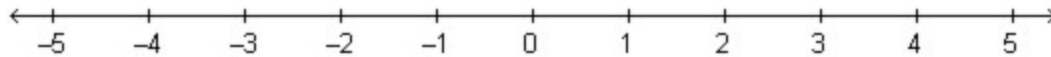
The temperature is greater than 100°F .

Inequality: _____

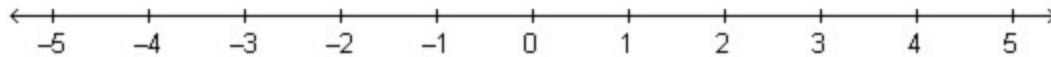
3.  **Use pencil and paper to answer the question.**

Graph the solution set of each inequality.

a. $g < -1$

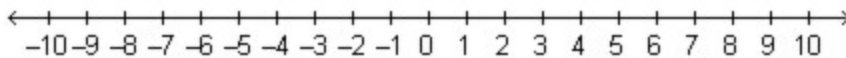


b. $d > -2$



4.  **Use pencil and paper to answer the question.**

Graph the solution set for $k < -5$ on the number line below.



5.  **Use pencil and paper to answer the question.**

Write an inequality to represent the following situation:

The temperature is greater than 50°F .

Inequality: _____

6.  **Use pencil and paper to answer the question.**

Write an inequality to represent the following situation:

The temperature is less than 90°F .

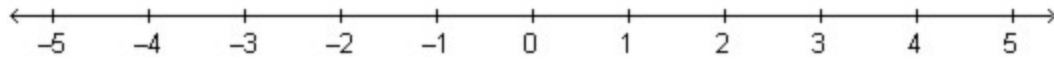
Inequality: _____

6.EE.8 STUDY GUIDE

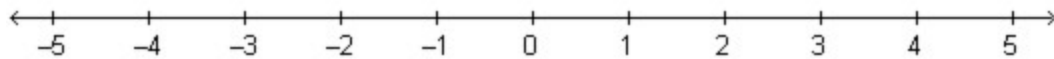
7.  **Use pencil and paper to answer the question.**

Graph the solution set of each inequality.

a. $n > 0$



b. $d < 1$



8.  **Use pencil and paper to answer the question.**

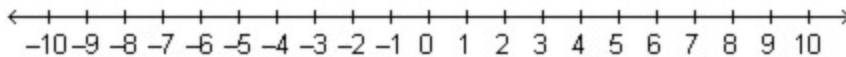
Write an inequality to represent the following situation:

The temperature is greater than 80°F.

Inequality: _____

9.  **Use pencil and paper to answer the question.**

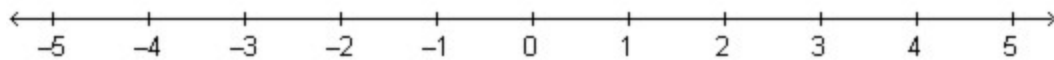
Graph the solution set for $g > -3$ on the number line below.



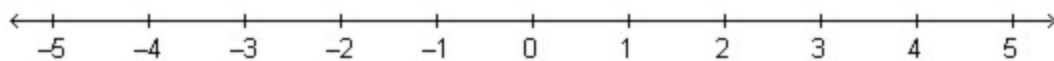
10.  **Use pencil and paper to answer the question.**

Graph the solution set of each inequality.

a. $a > -3$

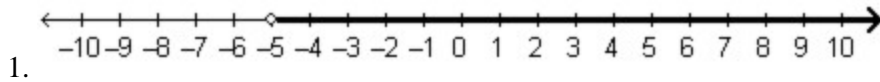


b. $b < 3$



6.EE.8 STUDY GUIDE

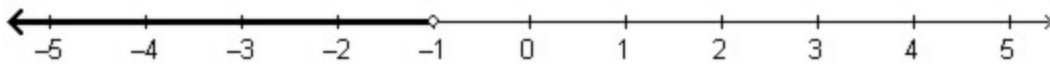
Answer Key



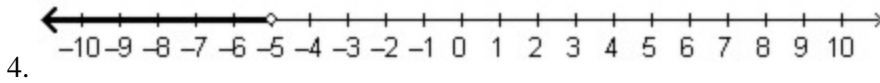
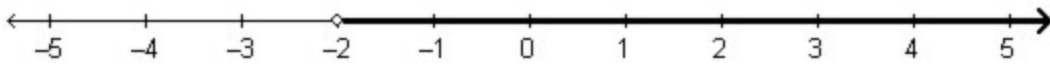
2. Sample answer:
 $t > 100$

3.

a. $g < -1$



b. $d > -2$

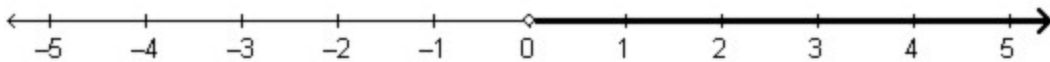


5. Sample answer:
 $t > 50$

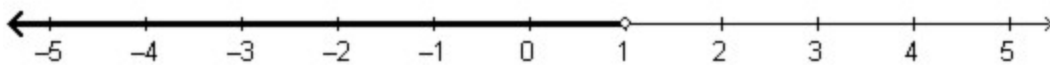
6. Sample answer:
 $t < 90$

7.

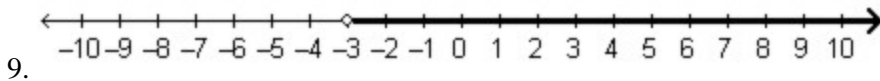
a. $n > 0$



b. $d < 1$



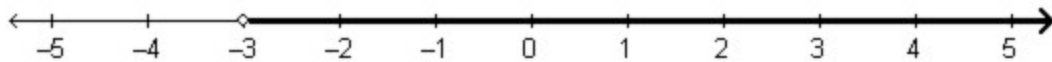
8. Sample answer:
 $t > 80$



6.EE.8 STUDY GUIDE

10.

a. $a > -3$



b. $b < 3$

